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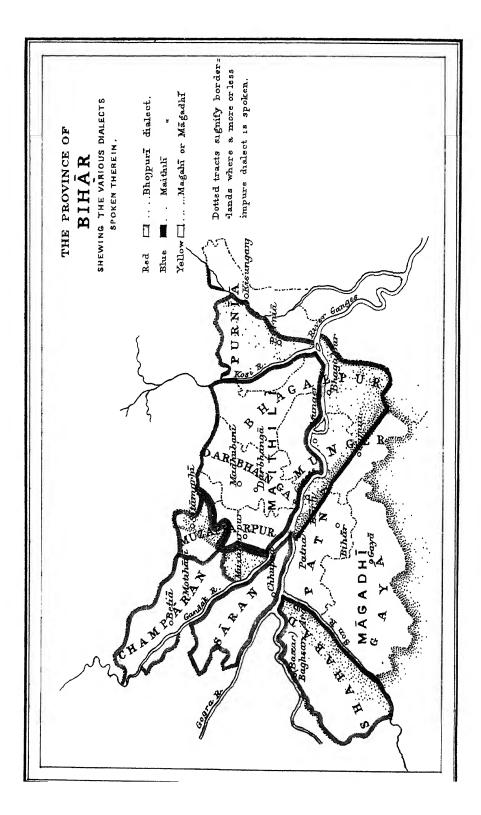


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BIHAR PEASANT LIFE,

BEING

A DISCURSIVE CATALOGUE

OF THE

SURROUNDINGS OF THE PEOPLE OF THAT PROVINCE,

WITH MANY ILLUSTRATIONS FROM PHOTOGRAPHS TAKEN
BY THE AUTHOR

Prepared, under Orders of the Gobernment of Bengal,

BY

GEORGE A. GRIERSON, B.C.S., M.A.S.B., M.R.A.S.,

FELLOW OF THE UNIVERSITY OF CALCUTTA FORMERLY SANSKRIT AND HINDUSTANI
EXHIBITIONER, TEINITY COLLEGE, DUBLIN.

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1885.

Sir Augustus Ribers Thompson,

K.C.S I., C.I.E.

IN GRATEFUL ACKNOWLEDGMENT

OF THAT COUNTENANCE AND ASSISTANCE WITHOUT WHICH IT WOULD

NEVER HAVE BEEN WRITTEN,

THIS BOOK

IS DEDICATED

BY

THE AUTHOR.

Bankipore, 4th April 1885.

INTRODUCTION.

While this work professes to be a catalogue of the names used by the Bihār peasant for the things surrounding him in his daily life, yet, in order to relieve the dryness which such a mere list would possess, the writer has attempted to give a description, more or less complete, of that life and of its character and incidents. The book is in fact a discursive catalogue, and it is hoped that it may serve as a solid foundation for more elaborate disquisitions on the Bihār raiyat and his surroundings.

Such a work as this is nothing if not accurate, and no ordinary pains have been spared to compass the greatest accuracy possible. Existing treatises on Indian rural life are not always trustworthy; and as it is impossible to tell what is and what is not correct in them, the writer has avoided taking them as the groundwork of his compilation. Every word in this book has been collected from the mouths of the people, and noted on the spot where it was spoken, either by the writer himself or by one of his assistants. When the work began to assume shape, it was carefully compared with every available book of reference, and where discrepancies occurred, they were either reconciled or explained. Finally the proof-sheets have been circulated to all the Bihār districts, and have been again checked on the spot by competent observers, different from the original persons who collected the materials on which the book was founded.*

So far, therefore, as its contents go, this book may claim to be entirely original, and the writer hopes, to a certain degree, accurate. No originality can, however, be claimed for its general system and arrangement. This is closely modelled on Mr. Crooke's "Materials for a Rural and Agricultural Glossary of the North-Western Provinces

^{*} The writer would here tender his thanks to the various district officers of Bihār, who have spared no trouble in having this local checking performed in a satisfactory manner. The amount of new information gained, and of mistakes and misprints corrected through their help, has been very considerable.

and Oudh."* The writer has followed him very closely in the arrangement of his matter, and in many cases has not scrupled to use his very words when they were the most suitable that could be adopted. The vernacular words embodied in this book have in fact been brought together from two sources, viz. the writer's own private researches during the past seven years, checked and supplemented by actual translations of the words given by Mr. Crooke's work made by the writer's assistants once and sometimes twice over in every district of Bihār. It will thus be seen how much the writer is indebted to the latter gentleman. Mr. Crooke's book differed from the present work in being to some extent a compilation from existing dictionaries; and as these were not all of them as accurate as could be wished, it was impossible that it should not contain some mistakes. But as one who has probably worked through it with more minute attention than most people, the writer gladly bears witness to its general accuracy. This may be considered as really wonderful, when the extremely slovenly scholarship of some of the books on which Mr. Crooke had to depend is taken into account.

In the present work every native word is written twice over—once with accuracy in the native character for those who are able to read it, and once in the English character for those who are not acquainted with the Indian vernaculars. This transliteration does not pretend to be scientifically accurate. Such a transliteration with its diacritical dots and dashes would only puzzle those for whom it is intended, viz. those who are ignorant of the language. All that has been attempted for them is to give them a general idea of the correct pronunciation of the words, without professing to tell them the exact pronunciation, which they hardly require, and which would be difficult to do. For these persons all that is necessary is that they should pronounce the vowels as in Italian, and the consonants as in English, and they will then approach sufficiently near to the way in which the natives themselves pronounce the words.† For those who are acquainted with the

^{*} Allahabad, 1879. Printed at the North-Western Provinces and Oudh Government Press. The writer would take this opportunity of acknowledging his indebtedness to Mr. Crooke for this really admirable work. Without it the present book could never have been written without an expenditure of labour which few district officials like the writer would have been able to bestow.

[†] The system of transliteration adopted may be briefly described as the Jonesian system, with every possible discritical mark omitted. In pursuance of this the cerebral letters are given no dots, and, as nearly every final vowel is long, the long mark has been omitted from final vowels.

vernacular languages, no instructions for pronouncing the words in their vernacular dress are necessary.

In quoting Arabic and Persian words in the Nāgri character, the dots, which are sometimes used to indicate an original s, &c., are omitted, for the reason that the words are given as they are pronounced in Bihār, and that all the dots in the world will not make a Bihāri pronounce a z as other than j, or a sād as other than s.

In order to understand the meaning of the words which the writer has used to express locality, it is necessary to explain that, under the name Tirhut, he has included the whole tract which lies between the river Gandak on the west and the river Kosi on the east, and which is bounded on the north by the Nepal frontier and on the south by the Ganges. He, therefore, indicates under this term not only the districts of Muzaffarpur and Darbhanga, but also North Bhagalpur and North Munger (Monghyr). This was rendered necessary by the language of these latter tracts being practically the same as that of Darbhanga. By North-West Tirhut he means the Sitāmarhi and Sadr subdivisions of Muzaffarpur; by South-West Tirhut, the subdivision of Hajipur; by North-East Tirhut, the Sadr and Madhubani subdivisions of Darbhanga and the Supaul subdivision of North Bhagalpur; and by South-East Tirhut, the Tajpur subdivision of Darbhanga, North Munger, and the Madaipūra subdivision of North Bhagalpur. By North Bihar he means all Bihar north of the Ganges, and by South Bihar all Bihar south of it. When he speaks of the east or the west, the north-east or the north-west, he means, of course, the east, west. north-east, and north-west respectively of Bihār.

One more word of warning regarding these localities. When the writer says that a word is used in a certain place, he does not mean by implication that it is not used anywhere else. He means simply that the word has been noted by him in such and such a place, and not elsewhere. That it may be used elsewhere is very possible, and any notes on this or kindred topics addressed to the writer, care of the Secretary to the Bengal Government, Revenue and General Departments,* will be gladly welcomed.

Regarding the illustrations, they are all (with one or two small exceptions) lithographed or cut on wood from photographs taken by

^{*} The writer would also suggest, as an excellent field for the discussion of the various points noted in this book, a magazine called *Punjāb Notes and Queries*, edited by Captain Temple, Cantonment Magistrate, Amritsar. Although published in and taking its title from the Panjāb, this useful little work deals with the whole of Northern India.

the writer, who is glad to be able to thank Mr. Schaumburg and the students of the Government School of Art, Calcutta, for the excellent pictures they have produced out of what, he must confess, were too often The difficulties experienced by the very indifferent photographs. writer in taking some of these pictures were great. The most ludicrous reports spread through the city concerning his work. The camera of course was looked upon as a fearful engine of destruction, and sometimes half an hour has been wasted in futile diplomacy to persuade an old lady to allow the lens to be pointed at her. circumstances photographs had almost always to be taken by the instantaneous process, which, however certain it may be in the hands of the professional, frequently disappoints the mere amateur. The last photograph the writer took—that of a native house—was spoilt because the grandmother of the family refused to allow any of the children to appear in the picture, her reason being that the Government was building the bridge across the Gandak and wanted children to bury under its foundations. Just, however, as the plate was exposed, one of the little boys determined to immortalize himself, and leaped in front of the lens to the dismay of the female members of his family. He had his wish in appearing in the picture, but he was so near the lens that he covered half of it with his shoulders. On other occasions the writer was believed to be collecting carts and boats for the Egyptian war, or to be counting the wells in the country, because he knew a famine was approaching, and so on ad infinitum. However, the pictures were finally taken, and, such as they are, are certainly accurate representations of the originals.

In conclusion the writer has to draw attention to the thoroughness and accuracy with which his assistants, Munshi Dilawar Ali and Munshi Moti Lal have done their portion of the work. The former has, the writer much regrets to say, died since the above was first written. The latter has been his assistant to the last, and the writer begs to record his high sense of his industry and intelligence, and to recommend his services to the favourable notice of Government.

ADDENDA ET CORRIGENDA.

A good many types have broken in the process of printing. Advantage is taken of this list of errata to add information obtained after the sheets went to press.

These addenda and corrigenda are printed on one side of the paper only, and can be cut up and pasted in the appropriate places in the

book.

Page.	Line.	Section.		For		Read.
3	5		समधर	•••		सभन्धर.
5	*****	27	पहोड़ा, पह	रा	•••	फहोडा, फहोरा.
10	16		ढकीया	•••	•••	दिकिया.
13		63	फड़ग्रा	•••	•••	फड्या.
17	4		खाभा	•••	•••	बना.
21	4	•••••	चाबक	•••	***	चाबुक.
22		113	बागःडोर <i>७व</i>	gdor		बाग डोर bāg dor.
23	7 from bottom.		च ख बँधाना			उख्यबँघानाः
24	3		बेंतग्डी	•••		बें तग्ड़ी.
25	Last line of foot- note.	`	दे खें	•••	•••	देखी.
26	*****	137	थपग्ड़ी	•••		यपग्री.
27	2		नदोदू	•••		नदोदू.
3.1	2		खूँटइग्री	•••		खुँ टिइंग्री.
42		230	पटॅली	•••	•••	पटेली.
44	*****	238	सूते, सुतैन्वनि	याँ		सूत, सुतंग्वनियां.
52	5	*****	टें लुहा	***		हें ज़रा.
58		317	चबतग्रा	•••		चबुतग्रा.
63	5		upper screw	•••	•••	upper roller.
63	Title of tion.	illustra-	CHARKI			CHARKHI.

Page.	Line.	Section.	For		Read.
78	15	••••	बकारसर		बकरसा,
85		404	जब्हूरा	• • •	जम्ह्रा.
87	17	•••••	ब्रस्ता	,,,	स्रग्सा.
"	29		गरीव		गरीब.
95	1		तमाञ्जबाला		तमाञ्जवाचा.
79	2		तमाञ्जलग्वाला	•	तमानुषग्वासाः
"	Last	*****	dornsa	•••	dorassa.
96	18	•••••	nariyal		nariyāl.
97	Last		चलग्ट		चत्रारी.
102	******	5 10	धीकानी		घौकानी.
103	•••••	516	संह्ना	,	सॅडुना.
105	*****	538	चकर सान chakar sān	***	चकरन्सान chakarsan.
108	******	558	thatherar	•••	thathera.
109		567	चुँटा, चुँटी	•••	चूँटा, चूँटी.
110		570	नरि	***	नरी.
111	*****	572	निचल		निचिन्त.
"		,,	kumhaïn		kumhaiïn.
77	•••••	575	पिँदरी		पिँ हुरी.
112	•••••	584	त्रन्था		भ्रथन्ता.
113	14		सुद्		स्ट.
114		586	कागग्जो		कागग्जी.
117	1		कोत्तन्सूप $kolsar{u}p$		कोलन्सप kolsup.
128		660	विरम्हरा birhara		बिरहरा birahra.
134		713	घटेया		भ ढ़ै या•
141	•••••	715	कावण्डल		में वर्णिय.
145	••• •••	i	जमा jama		जामा jāma.
152		759.	चुँचर, धुँचरक		इक्दुर, बुँचन्द्र.
153	7		डतरमा		लंबरना.
154		766	sari	}	sāri.

Page.	Line.	Section.	For	Read.
154	3 from bottom.		ৰিহানি -	विचली.
155		771	किँ किनि, द्वद्वर, द्वँद्वर	किँकिनी, घ्रमुक, ग्रँघुक
157	2 from bottom.		ड पढ	च ₩.
159		784a	Add—'A homestead is also ভাঁড়া dīāro in South Bhag	
161		786	After 'goriatta,' add—' or in goranti.'	South Bhagalpur मोरप्टी
164	12		For 'aft' read 'atl.'	
77		794	Add—'Soil mixed with कॅकरपेटिया kankrotiya, पथरपैटी pathrauti in Sout	and hard rocky soil
165		797	Before 'खिलन्कट,' insert ': 'and पौद्द,' add-' कनिल k	
166	1		After 'chānch,' add—'or पर	ह परन्ती pah parti.'
9)		801	After 'melani,' add—' or fi —' Irrigation from wells chās in South Bhagalpur.'	is क्रॅंडिया चास kunriya
168		808	For 'होत्राती hewti' read 'ने	हॅबन्दी heñwti.'
,		812	For 'धन क्रियारी dhan ki dhankiyāri.'	yāri' read 'धनन्किद्यारी
77		814	After 'alel bito,' add-'or	बेरी bero.
169		97	After 'laugāchhi,' add-' or	नौगास्त्री naugāchhi.'
"		815	Add,—'Land producing bru South Bhagalpur.'	ishwood is कॉटी jhānti in
171		818	After 'phāran,' add—'an हर समीघ har samaudh.'	d in South Bhagalpur
173		827	After 'dahina,' add—'a उद्यह हात ulhar hāl.'	nd in South Bhagalpur,
•••		828	For 'bhaunriya' read 'bh South Bhagalpur स्वाड़ी च chaumandi.' For 'जनाड़े after 'other names cu lamti in South Bhagalpur	गोत mando jot or चौनपकी दौ 'read 'जना डेंद्रो,' and rreat are,'add—'जमाती

Page.	Line.	Section.	
			50
174		830	For 'हैं गाप्रब' read 'हैं गाप्रब.'
,,	Last	••••	For 'इस्नी वाला' read 'इस्नी बाला.'
176		837	For 'साँम ने ' read 'साँमने, ' and for ' हॅं भिया ' read ' सँभिया.'
177	2		After 'somāta,' add—'or हर समीव har samaudh.'
,,		842	Add—'A ploughman who works for advances is বাঘাৰ saonkh in South Bhagalpur.'
179		848	Add—' Manure is also called इरा hūra in South Bhagalpur.'
180		850	Add—'Heavily-manured land is also said to be ঘহাতুৰ patäël north of the Ganges.'
182		856	Add—'Barren seeds are called 表氧 kubbi in South Bhagalpur.'
183	3		For 'बाबर' read 'बाबग.'
**		859	After 'barua,' add—'and in South Bhagalpur কুল্ল' kubbi.'
184	•••••	862	After 'benga,' add—'and in South Bhagalpur विचरा bichra or विकृत्तर bihantar.
			For 'बीहरनाइ' read 'बिहरनाइ.'
**	,	864	Add—'The bamboo on which the seedlings are carried is called ঘদৌ dharangi in South Bhagalpur.'
185		866	Add—' Hoeing is called कॅलीनी kelauni or कमोनी kamauni in South Bhagalpur.'
,,	•••••	867	After ' kelauni,' add—' or कमीनी kamauni.'
186	******	871	For 'चनग्लेदा' read 'चनग्लेदार.'
187		873	Add—' Cane-cutting is पतीर पारव pataur pārab in South Bhagalpur.'
,,		875	After 'agra,' add—'or चन्ना alga.'
188	1		For 'jhārjharāël' read 'jharjharāël.'
192	******	887	Add—'Treading grain is दमादी damāhi in South Bhagalpur.'

Page.	Line.	Section.	
192	•••••	888	Add—'The first treading out of the grain is also called জ্মা khūa or জামা khoa, and the second treading বানোবা tarjhār in South Bhagalpur.'
"	3 from bottom.		For 'दोगन्हा dogha' read 'दोगहा dogaha.'
193	•••••	891	After 'ख्ना khūa,' add—'or खोन्ना khoa or पौर pawr.'
194	*****	894	Add—'Loose straw that has been threshed is मौड़ा mīra in South Bhagalpur.' After 'newāri,' add— 'or in South Bhagalpur गमीरी gabhauri.'
"	•••••	895	Add—'घोरान ghoran is also used in South Bhagalpur.'
195		896	After 'thathero,' add—'When applied to janera (holcus sorghum).'
196		902	After 'kurtāli,' add—'when between tenant and subtenant.'
198		911	For 'खूद काशन्त khūd kāsht' read 'खुइन्काशन्त khudkāsht.'
201	******	915	Add—'A man irrigating is in South Bhagalpur বৰেহা larwāha.'
203	•••••	918	After ' dhurka,' add—' or चपन्टा upta.'
204	******	922	Add—'The spring is in South Bhagalpur also सूर bhūr or चोचा soa.'
208	*****	939	Add—The 'wooden framework is called অৰান্য jalāla in South Bhagalpur.'
214	5		For 'सुमाल' read 'सुमा.'
**		958	For 'zूंबा' read 'zूँबा.'
224	14		For 'खाँ देंचा' read 'खादचा.'
226	8 from bottom.	ı	For 'भन ' read 'भैव.'
228	4		For 'रङ्ग्टेंडा' read 'रङ्ग्टेंडा.'
"	6		For 'हेही' read 'हें ही.'
230	*****	1001	For 'पटाएक' read 'पटाप्रक.'
247	10	*****	For '1464' read '1458.'

Page.	Line.	Section.	
248	,,,,,	1050	For 'भीट bhit' read ' भीट bhith.'
253	5 from bottom.		For 'गवन्ह्या' read 'गॅवन्ह्या.'
273	*****	*****	In last column, for 'ऋसन्ती'' read, 'ऋसन्ती.'
274	10 from bottom.	.,,	For 'ऋवात' read 'आवत.'
2 80	16 from bottom.	*****	For'बरसे' read 'बरसे.'
99	4 from bottom.	*****	For 'आमवास' read 'ऋमावस.'
281	3		For 'neede' read 'need.'
290		1110	For ' डेर ' read ' डेर.'
292	*****	1117	For 'रन्ककट' read 'करन्कट.'
299	*****	1147	For ' उदब्र र ' read ' उदब्र र.'
300	*****	1151	After ' kās charāï,' add—' काइ चरादू kāh charāï.'
310	13		For 'मङ्गाटी' read 'मङ्गाटी.'
"	15		For 'यसैन ' read ' सैयन.'
,,	17	,,, 	For ' चोरा ' read 'चारो.'
316	10 from bottom.	******	For 'टनही takahi' read 'टक ही takhi.'
318	12 from bottom.		For 'क्रेयाली keyāli' read 'क्रेयाली keāli.'
322		12098	After 'rent-free,' add-'or revenue-free.'
323	8 from bottom.		For '1487' read '1482.'
33 0	2		For 'money rents are always assessed,' read 'extra money rents are assessed.'
333	8 from bottom.		For ' व्हाउनी ' read ' व्हाउनि.'
337	7		For ' लोट्या ' read ' लोड्या.'
357	4 from bottem.		For 'मॅहरान्ह' read 'मॅहन्राह.'
359		1285	For ' बरेखि' read ' बरेखी.'
360		1288	For ' इका' read ' इका.'

Page	Line.	Section.				
366	******	1323	Add at end of section—' and in West Tirhut ৰতন্ত্ৰৰ lathangar.'			
369	•••••	1338	Add at end of section—'and in West Tirhut बिरन्बियोनी khirkhiyauni.'			
372		1349	Add—'The ceremony of cutting the nails is called in West Tirhut নীয় ছিল্পী nauh chhilli.'			
389	4 from bottom.	*****	For ' दोनी doni' read ' दॉनी donni.'			
391	3 from bottom.		For 'nagra' read 'nagar.'			
412		1461	For 'धारनिक' read 'धारनिक.'			
	APPENDI	X .				
2	•••••	No. 2	For 'स्वरंदा' read 'खसन्दा.'			
,,	******	No. 2a	For 'गफन्यन्डजूद' read 'गञ्ज स्रफन्जूद.'			
14		14	For 'am' read 'ām.'			
		15	For 'agi' read 'agi.'			

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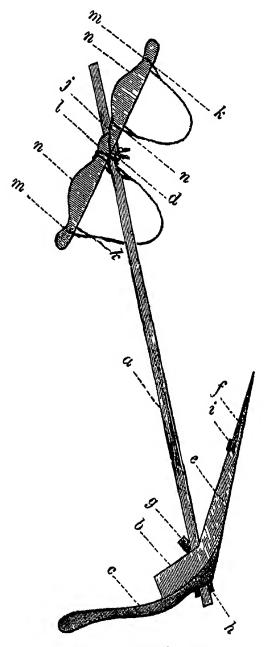
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The Country Plough.

(NOTE.—The front portion of the body is given in section, so as to show the position of the share.)

DIVISION 1.

IMPLEMENTS AND APPLIANCES

USED IN

AGRICULTURE AND RURAL MANUFACTURES.

SUBDIVISION I.

IMPLEMENTS USED IN PREPARING LAND FOR CULTIVATION.

CHAPTER I.—THE PLOUGH.

- 1. The ordinary country plough is generally known as হং har. Sometimes the Hindi form of the word, হভ hal, is used. In Gaya the word ভাৰত lāngal is also used.
- 2. जिनोरी khinauri is used for an old or worn plough. In the South-East and in North-West Tirhut this is उँडी thenthi, and generally over North-East and South Tirhut देंडा thentha. In Shahabad it is खुटचरा khutahra. A new plough is नवःडा nawtha or नौटा nautha to the west, नवःघर nawghar in Champāran, and खुवःडा lawtha generally over North-East and South Tirhut.
- 3. In West Bihār and South Bhagalpur चाँगड sānga, and in South Munger चाँगड sāngah, mean the plough and all its appurtenances, as in the sentence चाँगड (or घर चाँगड) डेने चान बिट्यार sānga (or har sānga) lene āw bahiyār,—bring the plough, &c., to the field.
 - 4. The various parts of the common plough are as follows:-
- 5. The beam (a).—North of the Ganges this is standards also in Shahabad. In East Tirhut it is also called standards. In Patna, Gaya, and South Munger it is at sanrh. In South Bhagalpur it is to see less everywhere.

- 6. The body (b).—This is everywhere $\forall t \ har$.
- 7. The handle or stilt (c).—In Shahabad and north of the Ganges this is परिचय parihoth; in the eastern portion of the latter tract it is also जागन lagan. जगना lagnā is used in South Munger, Patna, and Gaya, and नाँगनो nāngno in South Bhagalpur. In South-Western Shahabad परिचत parihat is used. The knob at the end of the body near the handle is in Patna चँदन्या chandwa, in Gaya चाँदी chāndi, north of the Ganges and in Shahabad मूड mūth (or in the south-west of the district चँदुजी chandwhi), and in the south-east मुख्या muthiya. In South Bhagalpur मकरी makri is a piece used for mending it when broken. The first, second, and fourth names are only used if it is a separate piece of wood.
- 8. The notches on the beam (d), by which the share is raised or lowered.—In Sāran खेड़ा kherha, in Gaya खेड़ी khenrhi, and in Shahabad खेड़ी kherhi. In Patna they are खेडा kheha, in Champāran खाना khāta, and throughout Tirhut खाड़ी khārhi. In South-East Tirhut it is also खड़ाडा kharha, and in South-East Bihār खाड़ा khonrha or काड़ kārh.
 - 9. The sole (e), in which the share is fixed.—

In West Bihar it is তাব tor or তাবা tora. In East Bihar it is লাখ nas or লাখা nasa.

North of the Ganges the thicker end of the sole is called माँच mānth or माँचा māntha.

- 10. The share (f).—Everywhere फार phār. In North-East Tirhut also फारा phāra or फाला phāla, and in South-East Tirhut also फोडासा lohāma.
- 11. The wedge fixing the beam to the body (g).—North of the Ganges and in Shahabad and South Munger this is पाट pāt. Variants are पहा patta (Gaya), पाटा pāta (South Tirhut and Patna), and पाटो pāto (South Bhagalpur).

A second wedge is sometimes added, which is known as चेन्ही chaili everywhere north of the Ganges and in Gaya and the southwest, and also as चेन्हा chelkhi in South-East Tirhut. In East Tirhut it is also called चेरी cheri. Another name is पाइड pāchar (in North-East Tirhut and Shahabad), or प्यान्त pachri everywhere south of the Ganges. In South Bhagalpur it is called चपर पाटो upar pāto.

12. The peg (h) passing through the shaft at the end, to prevent the body coming off... This is बराइन barāin generally, or बरेन barain

in Champāran and Tirhut; the latter is also used in South Munger. Other forms are बरेन baren in North-East Tirhut, बरन्स barhan in Sāran, बरेनी baraini in Patna, and बरन baran in Shahabad. Other names are सम घरिया sabh dhariya, सन घरिया sat dhariya, in Patna, and समस्र sabhdhar in Gaya, because it holds the whole plough together. Also नरेखड taraila in South Bhagalpur, नरेखी taraili in South-West Shahabad, and इसन्ता humna in Patna.*

- 13. The iron clamp (i) for preventing the share falling off.—
 करवार karuār or करवारा karuāra everywhere to the west. A variant is करवारो karuāri (Patna, Champāran, and West Tirhut). In South-West Shahabad it is also called ज्ञार khūra. In Patna it is also called जाँका jonka, and the same name is current all over Bihār. जाँको jonki and चोभो chobhi are also used in South-East Tirhut. In North-East Tirhut a wedge is also used for the same purpose, and is called गावो gāsi.
- 14. The yoke.—North of the Ganges always पाৰो pālo; so also in Patna, Gaya, and South Munger, with a variant पাৰত pāla in South Bhagalpur. In Shahabad and Gaya the word is generally ভাষাত juāth, which is also sometimes used in Sāran and the east. Sometimes it is made up of two bars. The upper bar then is considered the yoke proper, and is hence usually called the ভাষাত juāth. The lower bar is generally বাংনীয়া tarsaila.

This double-bar arrangement is not commonly found in the plough yoke. It is more usually met with in the yoke for well irrigation (not); so also the two following pins. As a general rule unit pālo or not); so also the two following pins. As a general rule unit pālo or not juāth (according to locality) may be safely used for the single-bar plough-yoke and for the double-bar irrigation yoke, and not jūa for the single-bar cart-yoke. See § 938.

- 15. The outer pins, which join the two bars of the yoke, are चेन्हा saila or समेन samail to the west and कानेन kanail to the east. They are also कान-किसी kankilli in South Bhagalpur.
- 16. The inner pins are समेस samail or (Patna and the south-east) समेसा samaila and (Gaya) समेया samaiya.
- 17. The leather thongs (j), which attach the yoke to the beam of the plough.—These are from Patna to the east of the South Gangetic tract, and in Champaran, नारन nāran, with a variant खरनी larni in

^{*} About ছ্বানা humna there is a story of a John (the proverbial fool of Bihār stories) who found a humna on the road and cried out in his foolishness ঘাৰ্মা ছব ল ছ্বানা, ইবীলাৰে ৰ্বাম pāon har ke humna, kheti karab banāy,—I have found the rear peg of a plough, I'll turn a farmer at once.

North-West and South-East Tirhut, and optionally खारन lāran in South-East Bihār. नामा nādha and नरें जो naraili are used in Shahabad, and variants of the former word occur in खर्न्सा ladha (South-East Tirhut), खेशा laidha or खामा lādha (North-East Tirhut), and दर खशी har ladhi or दर नामा har nādha over South Tirhut generally. नामा nādha is also used in Gaya. दर ना मा har nādha in Sāran is only used when they are of string. When they are of leather, in that district they are called द्वाखी duāli. South Bhagalpur has डॉडा donra or चेमा ledha.

- 18. The ropes (k) which go round the bullocks' necks.—These are everywhere except in the extreme west जोती jōti. In the extreme west (Sāran, Champāran, and Western Shahabad) the masculine form, जोता jōta, is the usual one. In North-East Tirhut they are also समेख samel or समेख samel, and in South Bhagalpur फॉसड phānsa.
- 19. The projecting knob (l) in the middle of the upper part of the yoke.—Round this the thongs which fasten the yoke to the beam are fixed. This is everywhere महादेवा mahādeva. Variants are महादेवा mahādeva (Patna and Gaya) and महादेवा mahādeva (South Munger). In South Bhagalpur it is मॅंग्स्वाइड manjhvāra.
- 20. The notches (m) near each end of the yoke.—To these the ropes which go round the bullocks' necks are fixed. These are खाँड़ी khānri in Patna, with variants खाड़ी khānhi in South-East Tirhut and खेड़ी kherhi to the west. South-West Shahabad has खड़ी khaddhi. In Gaya the word used is कनीची kanausi, and in South Bhagalpur खाता khāta, while चिमल simal or नकारी nakti are optional names in South-East Tirhut.
- 21. The leaf of the yoke (n).—This is पत्ता patta, पत्ता palla, or (in South Munger) पत्तर palai and (in Sūran) पाता pāta.
- 22. The trough in which the share lies when fixed in the body is with thol, or in South Bhagalpur with thol.
- 23. The bamboo whip with which the bullocks are driven is पैना paina, and its lash is चिट chhiti in North-East Tirhut. Other names will be found in § 98 and ff.
- 24. A drill plough.—This is generally दार tār, with variants in South-East Tirhut टाँड़ी tānri and टोर tor in South Munger. The share is टरन्स्टर tarsūï. विका khilla is the nail which fastens the share to the body. The bamboo pipe is in West Bihār बाँचा bānsa, also sometimes बन्सा bansa in Shahabad. In East Bihār this is generally चाँगा chonga, except in South Munger, where it is दर चाँड़ी har chānri.

The cup at the top, into which the grain is poured, is in West Bihār माजा māla or मजना malva. In East Bihār it is पैजा paila (sometimes spelt पदला paila or पण्जा paëla) or माजी māli. In South Munger it is also ज्लारी ukhri, and in Patna ज्ञानरी àkri.

25. The sharpening of a ploughshare is called as follows in the various districts:—

Shahabad: घार पिटावस dhār pitāwal; or in the south west of the district घार परन्गावस dhār phargāwal.

Patna: धार असन्राप्ड dhār asrāëb.

Gaya: असार asār.

South Munger and South Bhagalpur: धार पजाव dhār pajāw or समार asār.

North of the Ganges generally: धार पिटावस dhār pitāwal.

Also, North-West Tirhut and Saran: धार पिजावस dhar pijawal.

North-East Tirhut: धार बनापन dhār banāëb.

South-East Tirhut: फार करा खाप्रव phār karā lāėb.

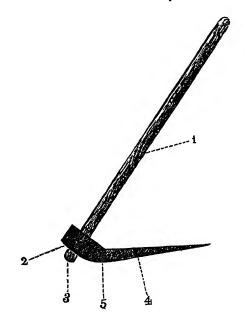
26. When a man wishes to plough deep he harnesses the yoke higher up the beam in the notches (d). This is called in West Bihār बोगार augār. In North-West Tirhut it is called खगार lagār, and in the rest of Tirhut बरख tarakh. In South-West Shahabad it is called खगाए awāë, in South Munger डाइंग thārha, and in South Bhagalpur डाइं thārh. Light ploughing is done in the converse way, and is known everywhere as रेंच sev, or in North-East Tirhut रेंच seb.

CHAPTER II.-MATTOCKS AND SPADES.

- 27. A large mattock is in West Bihār and Gaya फोरा phaura. Variants are फरोड़ा phahora (Patna and Gaya), फरोरा phahora (South Munger), फरोरा phaöra (Patna and Gaya), and फरा phahura or फरडा pharuha in Shahabad. In South-West Shahabad it is फरडा pharsa. In Tirhut it is कुदार kudār, and in South Bhagalpur and South Mungēr कोदार kodār. Another name current in Gaya is जास jhām or जासा jhāma. In the same district जानी ābhi is a heavy kind of wooden spade tipped with iron for hard soils, and खरानी khudni or खरानी khudni is a kind of spade.
- 28. A mattock with a narrower blade is कुदारी kudāri, कोदारि kodāri, or कोदारी kodārī. South of the Ganges it is also कुदानी kudāli.

कुदाड kudāl and कुदार kudār are often used to signify also the smaller variety. In South Bhagalpur it is डेंडी कोदार thenthi kodār.

29. The hardle is so bent, and the upper end of it, which projects beyond the socket, दूरा hūra or दूर hūr, or (in South-West Tirhut) मूटा mutha. Other names for this end are एड़ा era or खड़ानी arani. and in South Bhagalpur vites pāta. The ring or socket in the blade, to which the handle is fixed, is पाच pās or पाचा pāsa (or in South Bhagalpur पासी pāso). In South-West Shahabad it is पँचौरी pamwānri, and in South Munger (optionally) पदाटा pasāta. The curved part of the blade is in Saran and Patna with phari. Elsewhere, north of the Ganges and in South Munger, फरकी pharki. In Patna and South Munger it is also called फल phal, in South Bhagalpur फरो pharo, and in Gaya जारी phāri. In Shahabad it is भार dhār, and in the south-west of the district sw damph. The place where the ring and the blade meet is काडी kanthi in Patna and Gaya, नहीं nahīn in Shahabad, सन san or काड kanth in South Bhagalpur, and उन sun in South Munger. In Saran the part of the handle which is grasped is सूड muth, and the corners काना hāna. A new mattock is नवन्यर naughar, and a worn one उँडी-thenthi.



- 1. Bent (handle).
- 2. Pāsa (socket).
- 3. Hūra.

- 4. Phari (blade).
 - 5. Kanthi (neck).

The Mattock (Phaura or Kodār).

CHAPTER III.—THE HARROW.

- 30. This is usually the flat plank, with (in the east) a grove along the underside. It is dragged along the ground to break the clods after ploughing, while a man stands on it to give weight. In West Bihār and in South-East Tirhut it is called इंगा henga, and in East Bihār more usually चौंकी chaunki or चौंकी chauki. In Patna it is also called चिन्नचे silve, पटाने patve, or सगानारी lagāwri.
- 31. When drawn by one pair of oxen—one ox at each end—it is called चॅगी hengi in Champāran, दुगोड़ी dugori in Tirhut, प्रक चरा ek hara in South Bhagalpur, and दोवरन्दा dobarda elsewhere. When drawn by two pair of oxen—one pair at each end—it is called in North-East Tirhut चौगोड़ा chaugora, in the rest of Tirhut चरगोरी chargori, दो चरा do hara in South Bhagalpur, and elsewhere चौवरन्दा chaubarda.
- 32. The pegs to which the hauling ropes are fastened are generally खूँटी khūnti. In Shahabad they are also called चँडु sanrusa, and in the south-west of the district गुझी gulli. In Gaya they are बाँखा baunkha, in Patna and South Munger बद्दा bahkha, and in South Bhagalpur चुँकोरा ankora.
- The hauling ropes are, north of the Ganges generally, and in West Shahabad, बरुडी barhi. North of the Ganges they are also इंगडी hengahi. In Shahabad chains used for the purpose are चौकर sinkar, and in Patna and Gaya सीकर sīkar when used with four bullocks abreast. These words are also used in North Tirhut. In Patna they are also ভীৰ area chauk nāran when of rope. In South-East Tirhut they are also called मरिखर marikhar, and in South Bhagalpur जगन्डोरी jagdori. In South Munger they are star when made of chain, and महिन्द marikhar when made of rope, and मभौतर majhautar is the rope or leather strap joining the two yokes when four bullocks are used. So also in Patna and Gava. The last word is सभीतर majhotar in East Tirhut. In East Tirhut, when made of leather they are called मैरन mairan or मेहन merhan, and when made of rope बरन्डा barha or बरन्डी barhi. Sometimes long strips of bamboo are made to serve as hauling ropes. They are then called in South Munger seed kudandi, in South Bhagalpur बस-जोती bansjoti, and elsewhere चरीचा araun.
- 34. The channel in the lower part of the plank to break the clods is in South Bhagalpur ঘদাবী ghaghri or ঘাৰ ghāi, in South Munger ছৰেন্দ্ৰ khadha, and elsewhere ছবুৰ khadha. The channel is generally the

hollow of the stem of the talipot palm, the harrow being composed of the split half of a log of that tree.



- 1. Henga (harrow).
- 2. Khūntı (pegs).
- 3. Barhi (ropes)

The Harrow (Henga or Chauki).

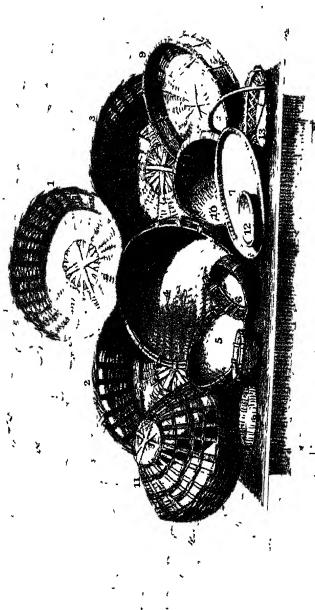
- 35. The cylindrical roller is rarely used in the field. It is called everywhere by a corruption of its English name, viz. रोज rol. The block itself is called पद्मा palla (Patna), कड़ी kari (Gaya), प्रकटा ektha in Shahabad, and जकड़ी lakri in South-West Shahabad. Elsewhere it is simply चौकी chauki or चौकी chauki.
- 36. Sometimes the harrow is made of two parallel planks joined together. This is called चेंगा henga or चौकी chauki, &c., as above.

CHAPTER IV.—RAKES USED IN FIELD WORK.

37. Rakes are seldom used. Sometimes a bundle of thorns is dragged over a field to soften the surface when it has been baked hard by the sun after rain or irrigation. This has no special name. In parts of Tirhut the number hanta or unitarily khakhorni is a sort of rake or harrow worked by oxen to loosen the soil and extricate weeds from a crop of young rice. A unitary pachphariya or (in Sāran) in the silver pachphariya or (in Sāran) in the silver pachphariya or (in Sāran)

CHAPTER V.-PICKAXES, PITCHFORKS, &c.

- 38. A pickaxe.—North of the Ganges this is गैंबा gainta, south of the Ganges it is गैंबा gainta or गैंबी gainti. In South Bhagalpur it is गैंबा gaincha, and in South Munger गावा gāta.
- 39. The dredger, used in well-sinking, has various names. In Shahabad, Sāran, and South Tirhut it is प्राचित्र chalna, and in Champāran



split bamboo, edge sewn with tal leaves split bamboo. tal slips and bamboo bamboo slips munj grassi flower-basket made of 10. Tokri
11. Tâp
12. Sikahuti
13. Phuldāli A Collection of Baskets strengthened with tal leaves, edge sewn with rattan ditto, woven up with tal fibre th by BepinBeharyDas Student Govt School of Art Caloutta split bamboo split bamboo. split bamboo. ditto made of Chhainta. wo dutte Daura Dagra

Prince d by Abdool Rohim Govt School of Art Calcutta

BASKETS. 9

नरक्की tarchhi. In North-East Tirhut it is कोटी chhīti, कहली kathuli, or पथिया pathiya. कोटी chhīti is also used in South-East Tirhut, where also occur कटक्वन kathuat and (also in Shahabad) नगाड़ी tagāri. Elsewhere south of the Ganges it is गैना gainta or खन्नी khanti, and in South Munger कीटा chhīta.

- 40. The pointed iron spear for tapping the well-spring also has various names, viz. खुष्टा khunta north of the Ganges generally, गजाड़ा gajāra in Sāran, and गोभःनी gobhni in South-West Tirhut. In Gaya it is खोभःना khobhna, and in Shahabad खोभन khobhan, but in the south-west of the latter district it is खरादा larha. In South Munger it is देशन debhan, and in South Bhagalpur it is गजाड़ा gajāra or खनी khanti.
- 41. The hooked stick for rulling down fruit from trees is generally खमा lagga or खमी laggi. The hook of this is खँडाची ankusi or (in South Bhagalpur) कानी kāni. The long pole with a small net at the end to catch the fruit as it falls is भोजा jhola, खाँची khonchi, or (in Sāran) भोरा jhora. Another optional name in South Munger is जल खरी jalkhari.

The short stick thrown up into fruit-trees to bring down fruit is भाराचा jhatha, and also (in Sāran) चनुची lagūsi.

SUBDIVISION II.

IMPLEMENTS USED IN SOWING, WEEDING, AND IRRIGATION.

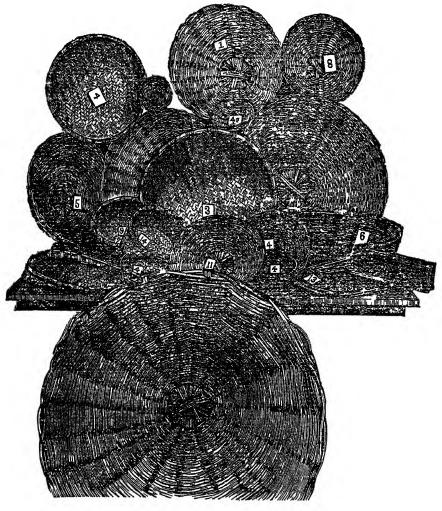
CHAPTER I.—BASKETS.

- 42. Baskets are generally woven of bamboo slips or twigs. Unless otherwise stated, this may be assumed of all the following.
- 43. Baskots used specially by the sower are called generally बोड़ा ora, बोड़ी ora, or बोड़िया oriya (sometimes made partly with the fibre of the leaves of the tal palm); also we meet, to the west, बेंडो chhainti, and to the east बोडा chhāta (a large one), बोडो chhātā (a small one), or दौरी dauri. South of the Ganges they are also called in Patna बडा battā, (also in Shahabad) दौरा daura, or दौरी dauri (sometimes made of the culm of the sih grass, andropogon muricatum), in Gaya (also in North-

East Tirhut) पश्चिम pathiya (also used for feeding cattle), and in South Munger उचिम khanchiya. The only difference amongst all these is that in the case of the दौरा daura and दौरी dauri the bottom is woven of bamboo slips, like a mat.

- 44. There are likewise several other kinds of baskets, used indiscriminately for this and other domestic and agricultural purposes. Thus, small straw grain-baskets are चँगेली changeli or चँगेरी changeri, and sometimes डासी dāli or डिस्सा daliya, especially towards the east. In Patna and South Munger they are called बटारी batri. very similar basket (but still smaller) is called very generally सीनी maunni or मौनिया mauniya, also बहा batta in Patna, Gaya, and South Munger, and जुन्ती phuluki in East Tirhut. A large open basket made of split twigs of bamboo generally woven up with the fibre of the leaves of the tal palm is called zinest tokra, sini dhaka, sini dhāki, चोड़ा ora, or हैंटा chainta. A smaller variety is called गाँजा gānja, टोक-ड़ी tokri, दकीया dhakiya. When the bottom is very finely woven, so as even to hold water, it is called चोड़िसा oraisa. The धासा dhāma is an open basket made of rattan. The विँचा khaincha or बाँचा khancha is a large coarse basket made of twigs of cytisus cajan (rahar) or tamarisk (jhāu). South of the Ganges we also find डेसी deli. A smaller basket of the same kind is known as खाँची khānchi (also खाँभी khānjhi in North-East Tirhut), खँचिया khanchiyu, खचोली khacholi, पशुली pathuli (Gaya), नोनीचारी nonihāri (Patna), or (South Bhagalpur) इसन्चरिया damhariya. The डगन्रा dagra, डगन्री dagri, also called south of the Ganges दौरा daura, दौरी dauri, or (in South Bhagalpur) डाजा dāla, is a large shallow basket. These are all made of either bamboo twigs or slips, except the etal daura or etal dauri (see above). In Shahabad कर karus or डोकी doki, and north of the Ganges सिकडनी sikahuts or चिकीती sikauti, is a little basket made of the stalks of the mūnj grass.
- 45. A broken basket is क्तिन्ती chhitni, or in Gaya क्तिना chhatna, or in South Bhagalpur क्तिन्ता chhitna.* The भाषी jhampi or भाषिया jhampiya is a little basket with a lid. It is also called पौती pauti or पौतिया pautiya (being then generally made of mūnj grass) and पेटारी petari (made of bamboo or rattan). A larger kind is called भाषा jhāmpa. The lid of all these is called पेंचानी pehāni or भाष jhāmp. उचा thaicha or चेंगोर changor, or in Shahabad उँचा thaincha or ठाँचा thīncha, is a kind of large open basket. फुल्डाकी phuldālī is a flower-basket.

^{*} A common curse amongst Gaya women is व्हितनी बहन्ती सामी chhitni barhai lāqau,—may your wealth be swept away.



From a photograph.

A Collection of Baskets and of Other Articles of Basket-work.

- 1. Oriya.
- 2. Chhaintas of various sizes. 3. Daura.
- 4 & 4a. Dauris of various sizes.

 - 5. Deli. 6. Khaincha.

 - 7. Tāp.
 - 8 Tokri.
 - 9. Dagri.
 - 10. Dagra.

 - 11. Tarāju (scale-pan). 12. Kolsup. (Wunn (Winnowing sieves). 13. Sūp.
 - 14. Chalni (sifting sieves).

MATERIALS.

- Nos. 1 and 8 are made of split bamboo twigs, woven up with the fibre of the leaves of the tal palm.

 4a, of the culm of the sik grass (andro-
- pogon muricatum).
- 5 & 6, of tamarisk (jhāti).
- 7, of rahar (cytisus cajan).
- 11, of bamboo twigs.
- 13, of sirki (the upper joint of sac-charum procerum).
- The rest are of bamboo slips

साजी sāji is one with a handle. In North-East Tirhut सटोर mator is a basket used by betel-growers (बरई baraī).

- 46. The North-Western Provinces the same word is used for a basket in which wild fowl, fish, or young pigs are kept.
- 47. A winnowing-basket or sieve is को जन्म kolsup, or in North-West Tirhut डगन्त dagra. A basket for sifting grains of various sizes is स्तप्र sup. A scale-pan is नराज्य tarāju or नराज्य tarīju.
- 48. There are several kinds of baskets used for catching fish, viz. टाप tāp, टापा tāpa, टापी tāpi; गाँज gānj or गाँजा gānja; घरेखा saraila (Tirhut); खरा anta in East Tirhut; पर वे parwe or चाराची ārsi in Patna; खराची arsi, पर वा perwa, or चेरा saira in South Bhagalpur; and कोपा chhopa in Shahabad. The last is also worn over the head and down the back in the rainy season to keep the wearer dry, and is called in Sāran कोपी chhopi.
- 49. South of the Ganges भीकी bhaunki is a large basket with a narrow mouth. तरीना tarauna in Gaya is a basket made of tamarisk for carrying refuse, and in Patna बोगिया bogiya is a small basket for cowdung. In South-East Tirhut चाँग chāng is a large basket equal to four टोकन्डी tokri for carrying chaff. टॅगोर tangaur is a similar kind, but made of rahar, and rougher.
- 50. In Saran नरका tarchha is a basket used in weeding poppies. टाप tap, टापा tāpa, or टापो tāpi, or (in South-East Tirhut) चौँप khomp, and in Sāran भाँप jhāmp, is a basket under which chickens are kept. These are generally made of rahar (cytisus cajan).
 - 51. बनी batti or बाती bāti are the twigs used for weaving baskets.

CHAPTER II.—BROOMS.

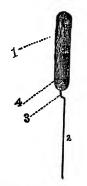
- 52. These are used for various agricultural and domestic purposes.
- 53. The ordinary sweeper's broom is भाइ jhāru and भाइषा jhārua or भाइषा jhārua. In South-West Shahabad it is also called शियन sethan, and near Ara क्वा kūncha. South of the Ganges, to the east, it is called बोइन borhan or बोइन्सी borhan.
- 54. The broom used by women in sweeping out the house and also by sweepers is ৰহুনী barhni, or in North-East Tirhut also ৰাহন bārhan or ৰাহনি bārhani. According to Crooke it is so called because the family is supposed to prosper (barhnā). It is also called towards the west ক্ৰী kūnchi.
- 55. The broom used for sweeping up the grain on the threshing-floor has various names. North of the Ganges, in Sāran, it is विरुद्ध

sirhath, and in North-West Tirhut चर्च्य sarhath. In Champāran it is खर्च्य kharhara, and in the rest of Tirhut खर्ग kharra. South of the Ganges it is, in Gaya and South Munger, कुद्धा kuchcha, in Shahabad कुँचा kūncha, and in the south-west of the district कुद्धी kunchi or च्यन sethan. In South Bhagalpur it is भर्द jhataī or खर्चरा kharhara.

- 56. The broom used by grain-parchers for turning the grain which is being parched is भाव jhāru in Patna and Gaya, बहुन्ती barhni in the south and east generally, खराना larna in North-East Tirhut, क्यानी chhipni in South-East Tirhut, चलीनी chalauni to the west of the North Gangetic tract, and in South-East Bihār मुँबानाठी bhunjnāthi.
- 57. The long twig broom used for sweeping up leaves and rubbish is north of the Ganges, to the west, खराद्या kharhara, and to the east खरा kharra. South of the Ganges, in South Bhagalpur, it is खराद्यो kharharo; but in Patna भाँटा jhānta, in Gaya भाद्य jhāru, in Shahabad चिरच्दा sirhat or भाँखी jhānkhi, in the south-west of the same district भाराना jharna, and in South Munger भाँटा jhānta or भाटेनी jhataini.
- 58. To sweep is in Patna and Gaya बोचारव bohārab or बाइव bārhab; the former is also used in the south-east. To the west it is बचारख bahāral, and in Tirhut बाइव bārhab, भारव jhārab, or भारि सुरि देव jhāri jhuri deb.

CHAPTER III.—IMPLEMENTS USED IN WEEDING, &c.

- 59. The खुरन्प khurpa is a sort of hoe used for loosening the earth round young plants or in weeding.
 - 60. Of this the iron blade is खुरन्पा khurpa, or in North-East Tir-



- 1. Bent (handle).
- 2. Khurpa or khurpi (blade).
- 3. Nār or dānri (spike).
- 4. Sam (ferule).

The Hoe (Khurpa or Khurpi).

hut पायज्ज pāsang. The handle is चँड bent. The iron ring-fastening in the blade is साम sām or सामी sāmi, and also in Shahabad चुरिया churiya, and in the south-west of the district मुँदारी mundri. The spike of the blade which goes into the handle is north of the Ganges नार nār, and south of it नार nār or स्वर्धी danti or (South-West Shahabad) साँदी dānri. Towards the east we find, north of the Ganges, an optional variant सार lār, and in South Bhagalpur जार lāru.

61. A smaller instrument for scraping grass or weeding is called,

when the blade is curved, खुरापी khurpi, and (south of the Ganges) when it is straight पगनी pasni. An optional name for the curved variety in Gaya is बँद्धा bankua.

CHAPTER IV.—IMPLEMENTS USED IN CONNECTION WITH IRRIGATION.

- 62. The beds formed in a field for irrigation are called कियारी kiyāri. In South Bhagalpur they are called केचारी keāri. In South Munger गॅड्रारी ganrāri are smaller sized beds for the same purpose.
- 63. These are made with an implement with a handle and board fixed at the bottom, like a rake without teeth. This is worked by a single man, much as a rake is used. In the North-Western Provinces it is usually pulled with a rope, but not so usually in Bihār. It is called generally to the south of the Ganges फ्रांची pharuhi, and in East Tirhut फ्रांचा pharuha. North of the Ganges, to the west, it is called फ्रांची pharuhi. In South Bhagalpur it is called फ्रांची pharua, and in South Munger फ्रांची pharhi. In Gaya it is called फ्रांची penrni.
- 64. A wooden shovel used in distributing the water in a field is called ছয়া hatha or ছয়া hattha. South of the Ganges it is also called ছামা ābha, in South Bhagalpur ছিয়া chhitta, and in South Munger করীয়া kathaua.
- 65. Other appliances used in connection with irrigation from wells, tanks, or streams will be found in the chapter on irrigation.

SUBDIVISION III.

APPLIANCES USED IN FIELD WATCHING.

CHAPTER I.-THE SLING.

66. This is generally देखन्माम dhelmās or देखन्याँस dhelwāns. In Patna, Gaya, and (optionally) Shahabad it is also called देवन्याँस dhenkwāns. Another name current in Shahabad is देखनास dhekuās.

In South-East Tirbut it is also called देखीरी dhelauri. In South Munger and South Bhagalpur it is दिंदोर dinror. गुरन्देख gurdel or, to the east, गुवेसी guleti is a pellet-bow.

CHAPTER II.—THE SCARECROW.

- 67. This is generally यूच dhūh, यूचा dhūha, or धुचा dhua. In Patna it is पुतन्त्रा putla, and in Gaya दशी dhahi.
- 68. A scarcerow pulled by a string and hung on a tree is north of the Ganges दवन्दवन dhabdhabwa, दक्रा thakra to the west, दक्रदिक्या dhakdhakiya in South-West Tirhut, चकाची akāsi in South-East Tirhut, and elsewhere नारक रजा tārak chhaja or धुचा dhuā. South of the Ganges it is in South-West Shahabad दमन्दीचा damhaua, elsewhere in the district दमन्को damko. In Patna it is दमन्कोचा damkaula, and in Gaya दलन्कोचा dhalkaua. In South Bhagalpur and South Munger it is दरन्का or दल्का harka.
- 69. Cultivators also usually put an old black earthen pot in a field to keep off the evil eye, which is called in Tirhut टोटन्का totka, or in North-East Tirhut नोचा taula. South of the Ganges we find also टोटन्का totka, with variants टोटन्का totma (Gaya) and टोटनें totwān (South Bhagalpur). In Shahabad it is called टोना tona or नजर गोजर najar gojar, and in South Munger नजर गुजर najar gwar. Another general name is करिखाइ चाँड़ी karikhāï hāmri or करखा स्वाधि चेंडिया karkhāhi hanriya, from करिखा karikha or करखा karkha, 'soot.' Local variants of this last word are कर खो karkhi (Shahabad), कारिख kārikh (Gaya), and करखो karkho (South Bhagalpur). Generally this pot is marked with lime (चूना chāna). Thus, a man of Ara would say चेंडिया में करिखा खगा के चुना के टीक दे के खेत में भे चावल जाखा hanriya men karikha laga ke chunna ke tīk de ke khet men dhai āwal jālā,—he has come back after setting up in the field the pot on which he has laid soot and marks of lime.

CHAPTER III.—THE WATCHMAN'S PLATFORM.

70. This is known as सचान machán, with an optional variant भाँच mánch in the west.

- 71. The shed over the platform has various names, viz. north of the Ganges कॉ पन्ड़ी jhompri and बॉपन्ड़ी khompri generally, इपन्दी chhapri (North-West Tirhut), हाडी chhāhi (North-East Tirhut), and डगोरी lagauri (South-East Tirhut). South of the Ganges we have इपन्दा chhapra to the west and सरका maruka and इपन्दी chhapri to the east.
- 72. सङ्के maraī and also (in East Tirhut) सर्ग marra, गोडिया gohiya (South-West Tirhut) and पद्धानी palāni, is a shed on the ground without any platform.

SUBDIVISION IV.

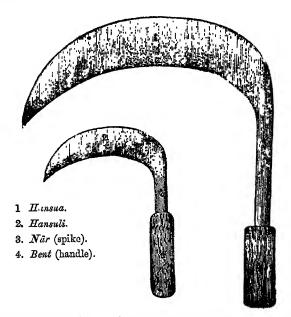
IMPLEMENTS USED IN HARVESTING.

CHAPTER I.-THE SICKLE OR REAPING-HOOK.

These are either toothed or with a sharp cutting edge.

- 73. (a) With a sharp cutting edge.—These are everywhere इंसुचा hansua. A kind with a heavier blade is called पचरिया paghariya or पघरचा pagharua, or बचारा badhra, बघारी badhri, बचरिया badhariya, or बचार badhāru. It is also called in East Tirhut चँगिया sangiya, in South Bhagalpur ভाৰত dāba, and in Gaya चिछोडी chilohi.
- (b) With teeth.—These are called ইনুৱা dantula, from হাঁন dānt, 'a tooth.' They are also called কীবিয়া kainchiya, of which কবিয়া kachiya is a variant in South-East Bihār.
- 74. इंग्रजी hansuli is a small sickle without teeth, principally used by girls for cutting spinach (चान sāg), and by toddy-sellers (पानी pāsi) for cutting palm-trees. The पदःगुज pahsul is a fixed upright sickle, which is kept in position by the foot resting on the wooden base in which it is fixed, and is used for cutting spinach and other vegetables. In Patna and Gaya, कमा katta is an instrument used by Doms for cutting bamboos, and काँचा kyoncha is an instrument for barking wood.
- 75. The above names are also used for the curved part of the blade. The straight part of the blade is called $\pi \pi$ nar or (to the east)

सार lār. Other names are डाँड़ी dānri (South-West Shahabad), निर्या nariya (Gaya), and नाव nāb (Patna). The handle is चँड bent.



The ordinary Sickle (hansua), and that of the Toddy-seller (hansuli).

CHAPTER II.-RAKES USED ON THE THRESHING-FLOOR.

76. This is खरेना akhaina. It is a kind of hooked stick used for pushing the sheaves under the bullocks' feet while the grain is being trodden out. This word is only used south of the Ganges. Local variants are देना khena and खरेना akhena (Patna, Gaya, and South Munger), खरेन akhain in South-West Shahabad, and उसेनो ukhaino in South Bhagalpur. When it has five prongs, it is called प्रश्वा pachkha north of the Ganges, in South Munger, and in Shahabad, and पाँचा pāncha also in the last district. This is also called in South Munger पाँचख pānchakh.

CHAPTER III.—GRANARIES.

77. These are of four kinds-

1st.—A structure of straw or brushwood in the open air.— These are बखार bakhār, बखारी bakhāri, or कोडी kothi. Local names are बेड़ी berhi north of the Ganges generally, देक thek in South Bhagalpur, and बदारी badāri (also in South Bhagalpur) or सुनन्दर munhar in South-East Tirhut. In Tirhut a गोजी goli is a round कोडी kothi; जननरा jabra in Gaya is a small granary.

2nd.—Underground pits for storing grain.—These are everywhere खाद khād, and also (south of the Ganges) खाना khatta or खाना khāta. Local names are चौर chaur in South-East Tirhut, साट māt in Gaya, and खास khādh or खशा khadha in South Bhagalpur.

3rd.—Granaries inside the house.—In Sāran डेइ.री dehri is a small circular closet for holding grain, and is generally made of wattle and mud. The कोटी kothi, कोटिसा kothila, or कोटिसी kothili is everywhere generally made of sun-baked mud, and is larger.

- 4th.—A space surrounded by mats for holding grain is देन thek. A granary made of straw only is in South Bhagalpur बॉचरी khonchri, and in South Munger बॉच bāndh.
- 78. The support of the granary is गोड़ा gora generally. Local optional names are चेंग्ना besna (South-East Tirhut), बेंग्क baisak (East Tirhut and South Munger), खूरा khūra (Patna), and चोटा ota (Shahabad).
- 79. The cover of a कोडी kothi is everywhere except in South-East Bihār पेंद्रान pehān or पेंद्रना pehna. In Sāran and Gaya it also means the plug or stopper (see § 81). Local names are कापरना jhapna (South Tirhut and South Munger), दपरना dhapna (East Tirhut and South Bhagalpur), and चाक chāk (Patna, Gaya, and South Munger). The opening covered by it is मुँदरखड़ munhkhar in Sāran. In the same district the cover of a बखारी bakhāri is खाँप khomp.
- 80. The bottom is called everywhere पँद pend, पँदा penda, पँदी pendi, or पेनी peni. The South Bhagalpur form is, however, पँदी pendo.
- 81. The hole through which the grain is removed is generally धान ān or धाना ānā, local names being घाणन āën or मोदःखा mohkhā in East Tirhut and Patna, and मुँच munh north of the Ganges. The plug for filling the hole is दबन्सन dabkan, or in the south-east सूदन mundan. In Sāran and Gaya it is also पेदान pehān (see § 79), and in South Bhagalpur देपी thepi.
- 82. A heap of grain is देरी dheri or राम rās. In Gaya it is also चिम्नी silli. In South Munger a smaller heap is called कुद्दी kuddi.
- 83. Various earthen vessels are used for holding grain. These are north of the Ganges generally कूँड़ा kūnra, माट māt, घेडा ghaila, or इंड्या hanriya. महका matuka, छाँड chhonrh, चेवर cheruï are also used, but principally to the west. South of the Ganges we have चवचा charua,

- द्धम khum, खोरा khora, and मटन्की matki in Patna, Gaya, and South Munger (the last two also in Tirhut); कॉंड chhonr in Shahabad, and कूँड़ी kūnrī in South Bhagalpur.
- 84. The covers of these are the same as those mentioned above; the local names are दक्तना dhakna (Shahabad), क्कन्ना jhakna (East Tirhut and Gaya), and सुन्दन mundan (East Tirhut and South Bhagalpur).
- 85. An earthen cupboard similar in shape to the कोटिं all kothili, but used for keeping cooking-pots and curd-dishes, &c., is called जनन्दा jabra.

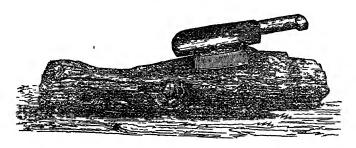
SUBDIVISION V.

IMPLEMENTS AND APPLIANCES USED IN CONNECTION WITH CATTLE.

CHAPTER I .- THE FODDER-CUTTER AND TROUGH.

- 86. This is गँडास ganrās, गड़ांस garāns, गँडासा ganrāsa, or गँडासी ganrāsi. Local variants are गँडासी ganrāsi in North-West Tirhut and गड़ांसा garānsa in South Tirhut. The word गँडासी ganrāsi is the usual one. It has a short heavy handle. Other similar implements are दाव dāw, टॅगाड़ी tangāri (Tirhut), and (in Patna, Gaya, and South Munger) काकुट kākut or कॉकुट kānkut. The गँडास ganrās and गँडासा ganrāsā are properly heavy implements at the end of a long handle, four or five feet long. They are weapons rather than fodder-cutters.
- 87. The heavy wooden part immediately over the blade of the fodder-cutter is called जाडी jāli, जिल्ला jahya, or सुँगरी mungri. Sometimes, especially to the east, it is simply called बेंट bent.
- 88. The blade is गँडाची ganrāsi, &c., as above. The handle is north of the Ganges सूड mūth or सूडी mūthi, and south of it बँड bent.
- 89. The knob at the end of the handle has various names, viz. पड़ा era north of the Ganges generally, इर hūr in North-East Tirhut, देका-वा thekwa in South-West Tirhut and in Shahabad, and चारक ārhuk in South-West Shahabad. Elsewhere no special name has been noted, unless we include चुट mūth and द्विया muthiya in South-East Bihār.
- 90. The spiked part of the blade, which goes into the handle, is खुरा khura or खुरी khuri to the west generally. Also, north of the Ganges, to the west, बोझ gora, and in North-East Tirhut चोबी chobhi.

A very general name is नार nār (East Tirhut, Patna, Shahabad, and South Munger), नारी nāri (Gaya), or जार lār to the east generally.



Fodder-cutter (ganrāsi) and block (theha).

- 91. The block on which the fodder is cut.—This is north of the Ganges and in Shahabad देश theha. Another name is परिकट parikath (Shahabad and North-East Tirhut), or परिचट pariath (South-East Tirhut and Gaya), परकड़ो parkattho or परेटट paraitha (South Bhagalpur), and परन्दा parhata (South Munger). Other local names are कुटक्टरना kutkatna (Shahabad) and निस्हा nisuha (South-West Shahabad).
- 92 The feeding-trough—When made of earthenware this is नाद nād or नाँद nānd generally, a local variant being जाद lād or जाएद lāed towards the east.
- 93. In Champāran and North-East Tirhut पश्चिम pathiya is a basket used for the same purpose; elsewhere it is चाइँमा oraisa. In the same tract a wooden trough for feeding cattle is called नाव nāw, a general name for the same being कडन्स kathra. In Shahabad चरन charan or चरनी charni, in Gaya गौरी gauri, and in South Munger गौँची gonri, mean a long feeding-trough of sun-dried mud.

CHAPTER II .- THE MUZZLE AND BLINKERS.

- 94. The net cattle-muzzle, which is put on them when treading corn and at other times, is जाव jāb; local variants being जावा jāba (Gaya) and जावो jābi (East Tirhut, Patna, and South Bhagalpur). North of the Ganges (to the west) जावो jābi means a smaller muzzle, put on calves to prevent them eating earth. Instead of जाव jāb, जाखो jābi is used in South Munger. मोचारी mohri in Shahabad is a rope attached to the head-rope of an animal to prevent it opening its mouth too wide.
- 95. The conical wooden frame put on a calf to prevent it sucking its mother is डीस dīl, with for local variants डीस dīla (Shahabad

and the east) and डोडो dīlo in South Bhagalpur. In South Bhagalpur another name is कॅटेडो kantelo.

- 96 In Patna दाटा dhātha is a piece of wood tied round a bullock's mouth to prevent it eating. Elsewhere strings are used, and are called in Tirhut बेंच्या berua (west), कजर kajaī or खगामी lagāmi (southeast), टेसा tema, (north-east), and ज्ञा jūna (east generally).
- 97. Blinkers for cattle are in Sāran and Champāran धन-पट ampat, and in Tirhut and the south-east खोस्तामा kholsa. To the east generally they are also खोस khol or खोसा khola. In Shahabad they are कोपानी chhopni or नोकाना nokta, in Patna अधियारी andhiyāri, and in Gaya अधिसी andheli. In Patna टोकानी tokni or खोसा khola are the blinkors used in oil-presses or sugar-mills. The cloth tied over the blinkers is अंख-मुँदानी ankhmundni.

CHAPTER III .- THE WHIP AND GOAD.

- 98. The whip used in driving bullocks is पेना pena or पैना paina. The latter is sometimes spelt पप्रना paèna.
- 99. Its lash is generally चास्क chābhuk, with a variant चस्की chabhuki in the north-west. In North-East Tirhut it is किट chhiti. घाँटा sānta is found in South Bhagalpur, and local variants of this are घाटा sātā in Sāran and South Tirhut and घटन्का satkā in Shahabad.

 बरकी chharki is used in Patna and Gaya, and जिन्ही jhitti in South Munger.
- 100. The thong at the end of the lash is मान् jhabbū in North-West Bihār, निरह (the knot) in North-East Bihār, फ्रांग phunna in Gaya, फिक phik or फ्रांचा phunna in South Bhagalpur, and फ्रांचा phunda in Shahabad.
- 101. The spike at the end of the stick is चर्ड araī, of which चरोचा arauā is a local variation in Patna and South Munger and चार ar or चरचा araa in South Bhagalpur.
- 102. An elephant-goad is अक्ष्म ankus or चाँक्स ānkus. A spear for driving elephants is भावा bhālā, बराजा barchhā, बराजी barchhi, or (in Shahabad and East Tirhut) बस्स ballam. Another name is गजानाक gajbāk or (Patna and Gaya) गजानाग gajbāg. The wooden club studded with iron spikes, with which an elephant is beaten over the tail, is simply सुगान्दर mugdar. The अक्षरी akuri is a wooden goad for young elephants, and when made of bamboo it is called (in South-West Tirhut) कनार kanār.
- 103. डॉन dāng (East Tirhut and Patna), डॅन deng (Gaya), and चौंडा sontā, are short sticks which may be used for driving cattle.

भाक्तन chhāhun, क्कुनी chhakuni, or (South-West Shahabad) क्टिःकन chhitkan and (Gaya) पिटौर pitaur, are twig whips used for the same purpose.

104. A horse-whip is कोरा or कोड़ा korā or चाबक chābuk, and a spur काँटा kāntā.

CHAPTER IV .- HOBBLES FOR CATTLE.

- 105. These are छान chhān or छाँद chhānd.* Other local words are पेंड् pairh or पेंड्र pairhā or (in East Tirhut) पेंकर paikar or पेंकर painkar and (in South Bhagalpur) गोड्रानी gorāni.
- 106. A piece of wood tied to the neck of a vicious or runaway animal is देकर thekar or (to the west) उक्तर thakar. In South-West Tirhut it is देकर thokar, and in North-West Tirhut टोकरा thokra. In Patna it is देकरा thekrā, and in South Munger टेक्कर thekur. North of the Ganges we often find मुँगरा mungra or मुँगरी mungri, and other local names are उगर्न dagran (Gaya) and ग्रन्ट garhar or ग्रन्ट्डो garharo in South Bhagalpur.
- 107. A cattle chain is सिक्स sikkar, सीकर sīkar, सिकस्प sikra or सिकस्प sikrī. Sometimes these are spelt with a dotted r: thus सिकड़ sikkar, &c.

CHAPTER V.—ROPES.

- 108. A. Those used for cattle.—The rope for tethering cattle is everywhere पगन्दा pagha, and also in South Bhagalpur जोर jor or गैंडा gentha. In Saran and Gaya it is also तगन्दी taghi. The knots or loops by which they are tied are जोर jor or डेका theka.
- 109. In Gaya and the south-east \mathfrak{A} is a hair string tied from the neck to the feet of a calf when milking a cow. In Gaya it is also called \mathfrak{A} sel.
- 110. A tethering-rope, by which cattle are tied to a peg, is द्वान chhān generally, or (locally) मूझ gūrha (North-West Tirhut, Gaya, and Shahabad), गोड़ाँच gorānu (South-West Shahabad), गोड़ाँच gorāru (Patna and Gaya), गोड़ांचन gorāwan (Gaya and South Munger), उद्दोराजोर derhaurājor (Gaya and North-West Tirhut), मसी malau (South-East Tirhut), जोर jor (Champāran and North-East Tirhut), and जोरो joro or गोड़ांची gorāni (South Bhagalpur). Most of these

^{*} As in the proverb गदः हा गेलाह चर्ग, छान लगःले गेलेन्ड gadha gelāh sarag, chhān lagle gelainhi,—the donkey went to heaven and took his hobble with him; i.e., vices follow one to a future life.

refer rather to the kind of knot or loop with which they are tied than to the rope itself.

- 111. A double tether for wild cattle, held by two men round the animal's neck, is north of the Ganges दोबमी dobaggi, or in South-East Tirhut दोबस dogahā, in North-East Tirhut दोबस dobagli, in North Bhagalpur दोबसी dobāgi, and in Sāran दुबमन्दी dubagli. South of the Ganges इरन्दी chharki is used in Gaya and Munger in the sense of this method of attaching ropes. It is also used for the mode in which a log is attached to an animal's neck.
- 112. जाच nāth is a head-rope for cattle, passing through the animal's nose.
- 113. चगाइ (or चगार) agār or चगाइने (or चगारी) agāri is a head-rope for horses, a local name being गड़-खोर galkhor in Gaya and Shahabad. िपदाइने (or पिदारी) pichhāri is the heel-rope, which is also called (north of the Ganges) पदाइ pachhār. बाग-डोर bāgdor or बग-डोर bagdor is a rope for tying horses. वाँव tānt or मोजन्मा mojamma is the thin leather rope tied round the horse's hocks. The halter tied round a horse's neck is गरीन-धन garaundhan or गर-इन्च gardānw, or (in Shahabad) गर चौन-धन gar aundha, and (in North-East Tirhut) गर-इन gardam.
- 114. To the west and north पैकर paikar, पैंकर painkar, or पैंकररा painkra is a heel-chain for a camel, while to the south-east it is used for elephants. It is also used by travelling merchants for cattle. नकें ल nakail, नकेंच nakel, or in Saran नक चोच naklol, is the nose-rope of a camel-
- 115. B. Ordinary ropes.—An ordinary rope is रखी rassi, राउरी rassi, डोर dor, डोरी dori, or जेंबर jemwar. जोर jor is also used, and (in Tirhut, Patna, and Gaya) जोरी jauri.* रखा rassa is a cable. A ship's cable is खडाची lahāsi, or in Sāran खडाच lahās; and a tow-rope, जून yūn cr (in Gaya and the south-west) गोन gon. गोना gainta in Gaya is a rope for carrying beams. A coil of rope in the same district and in Champāran is चुरचीचा ghurchīla. For the ropes used by a पाची pāsi or toddy-seller, see § 375. The string used in drawing water from a well with a brass vessel (खोटा lota, &c.) is called डोरी dori; while the general name with other vessels is उवरूचन ubhan, उवरूचन ubhan, उवरूचन ubhan, प्राप्त प्राप्त

^{*} As in the proverb जीरो जिर् गेल, एँडन टामे jauri jari gel, ainthan thāme,— the rope may be burnt, but the strands remain (even though reduced to ashes); i.e., a rich man come down in the world retains his pride.

23

Tirhut रोना rauna. Other local names are फनन्की phanki (North-East Tirhut), फँट्रनी phandni (Gaya), फाँच phāns (East Tirhut and South Bhagalpur), and फँचर्गाची phansargāli in Gaya and South Munger. A small piece of rope attached to the vessel and then tied on to the regular well-rope is generally पनन्दीर panchhor. A local name is कोरी chhori (Champāran and South-East Tirhut). Its knot is मुनन्धी mundhi in Tirhut and the north-west, and मुद्दी mundhi in Shahabad. A thick well-rope is रक्षा rassa or बर्ग्डा barha.

ROPES.

- 116. The rope which is used in working the irrigation lever (जाडा lātha, &c.) is बराइन barha, with an optional variant बर्ड barah in South Munger. Other names are इथबराडी hathbarhi, and in Champāran and North-East Tirhut उवहानि ubahani. The short rope joining it and the bucket by a slip-knot is पनाकार panchhor or कोरी chhori everywhere, with the following local names:—कोर chhor (South-West Shahabad), जोता jota (Sāran, Patna, and Gaya and the south-east), जोती joti (Shahabad and South Munger), नामा nādha (optionally in Gaya), नमान nadhān (optionally in Sāran), and बगाइन bagha (South Bhagalpur).
- 117. The strings used in working the irrigation swing baskets (चाँड़ chānr, &c.) are known as डोर dor or डोरी dori. In Sāran they are जोती joti.
- 118. The ropes used for dragging a harrow are north of the Ganges generally हाँगही hengahi or बरन्ही barhi, &c., as described in § 33.
- 119. To the west मोजर mojar or मोजन्दी mojri is a rope put round the roots of young trees to hold up the earth as they are being transplanted, other names (in South-West Tirhut) being गेरचा gerua or (also in Champāran) बन्हन्ता banhna. In West Shahabad and Gaya it is यही gurhi, and in South Bhagalpur जहन्त्यमना jarbandhna.
- 120. The generic term for a grass rope is ज्ञा junna or जूना jūna, and in Patna and Gaya also जोरी jauri, and in Champāran पतः इर pathar. It is used for tying up bundles and for cleaning vessels. Another name in Tirhut is धरापत sarpat. गतान gatān, or in Shahabad गान gāt, is a straw rope for tying up bundles. Ropes for tying up bundles of sugar-cane are जोती joti, उच्चें भागा ukhbandhna, गतीरा gataura (South-West Shahabad), and पँगार pangār (North-East Tirhut) or पगः pagra (made of sugar-cane leaves in South Bhagalpur). गुराही gurhi in Shahabad and north of the Ganges, to the east generally कचारा kachra, and in East Tirhut चोदार odār, is a loosely-twisted hemp rope (but गुराही gurhi may be either straw or hemp) for tying up bundles of crops.

- 121. A rope made of the stems of the cytisus cajan (rahar) and similar plants for tying up bundles is called बेंगे benti in Patna, Gaya, and South Munger, and बेंगड़ी bentri in South Bhagalpur. In Gaya it is also called बेंग्री bandheri. ज्नेरी juneri (Gaya) is a similar rope made of kus grass. Ropes made of thatching-grass are called north of the Ganges अवास jhalās or अवसी jhalsi. Bundles of mūnj grass twisted up for cleaning vessels are जूड़ा lūnra or न्हा nūnra. A thick hemp rope is बरना barha, बरनी barhi, or (in Gaya and South Munger) बरना barta or बरनी barti.
- 122. For most of the above the word जूना junā or (when the rope is made of straw) गतान gatān may be used, or a periphrasis may be used, e.g. ज़ुसक रसन्ती kusak rasri for जुनेरी juneri.
- 123. स्त sūt, स्ता sūta, or नागा tāga, is ordinary thread for sewing and weaving. सुनः रो sutrī or (rarely and only in the extreme west) सनः स्वी sutli is twine. This in South Bhagalpur is called स्थारी suthri. Twisted string is south of the Ganges उरन्स tharra. North of the Ganges and in South Munger बाँटल रस्ती bāntul rassi, एँटल रस्ती ainthul rassi, or (to the west) वरस रस्ती baral rassi, is used.
- 124. To the west ভাষ chop is string made of the bark of the butea frondosa (খবাৰ parās) or of the palm-tree. In Gaya it is called ভাষ chomp.

CHAPTER VI.—PADS FOR CATTLE.

- 125. These are known generally as गदी gaddi or पद्धान palān. In Patna, Gaya, and Shahabad बखर्रा bakhra is a leather sheet which goes over this. A खरिद्धा kharahıya, or in Sāran खरेषा kharaiya, is a pad stuffed with खर khar, and under it is placed the कन्द्रेजी kanheli. पेटार petār is in South-West Shahabad a belt for tying them, and पद्योची pachholi a rope fastened to the animal's tail for the same purpose.
- 126. The pad for an ass is खेवा lewa, local names being पिडिया pithiya (Tirhut) and सुरक्ता surka (also in East Tirhut) or नरकी tarchin (Shahabad). In North-East Tirhut and Gaya बसीनी chhalauni is the cover of the pad. That of a bullock is (besides मही gaddi and पसान palān) north of the Ganges and in South Munger कवेबी kanheli, and south of it, to the west, बसावखन्दा chhallābakhra, and to the east बसा chhalla.
- 127. An elephant's pad is गरी gaddī, and in Shahabad also गर्म gadda Underneath is placed a softer one called गरेखा yadela.

THE BODY-CLOTH (JHOLI). USE OF A COUNTRY CART (CHHAKRA) SHOWING THE

CHAPTER VII.—GRAIN-BAGS AND PANIERS FOR LOADED CATTLE.

- 128. These are चाखा ākha, चाँचा ānkha, or नज़ी tangi;* south of the Ganges they are also गेडिया gethiya or पशा patta. In Shahabad, however, they are जोरा jora or गोन gon.* A large grain-bag carried on a bullock's back is in Sāran चदौरी ladauri, or (also in North-West Tirhut) चगौरी lagauri. In Gaya this latter word means the cord by which the bag is fastened on the animal's back.
- 129. खुराजी khunji is a gunny (হাত $t\bar{a}t$) bag borne by asses and used by potters for bringing clay from earthpits (দহিতাৰ $matikh\bar{a}n$), and by others for carrying bricks, &c.
 - 130. A rice-sack is बोरा bora or तड़ी tangi.
- 131. In South Bhagalpur a bag borne by the bullock, in which the drivers put their luggage, is कटारी katāri, and in South Munger it is चंद्रवाय hanrwāy. In Sāran it is खास khās.

CHAPTER VIII.—CANVAS, LEATHER, OR TARPAULIN COVERS.

- 132. These are নিৰ্মান tirpāl or (when made of ছাল chhāl, leather) হলা challā.
- 133. স্ব jhūl or সাবী jholi is a body-cloth put over bullocks in cold weather. In Gaya it is also সাবা jhola, and in Sāran আহ্না orhna. স্ব jhūl also means an embroidered cloth spread over an elephant's pad.

CHAPTER IX.—VESSELS FROM WHICH ANIMALS ARE FED.

- 134. The bag from which cattle are fed is कोलो jholi, or in Champāran कोला jhola. A horse's grain-bag is नोवन्दा tobra. In Patna कपाइ kapāi is a fodder bag for cattle.
 - 135. Feeding-troughs are described in §§ 92, 93.

CHAPTER X.—DAIRY UTENSILS.

136. The milkpail.—This has various names, according to locality. North of the Ganges generally they are watel jhabhi or दृद्शी

^{*} As in the proverb बेल नर कूदे,कूदे तको bail na kūde, kūde tangi,—a bullock does not leap, but his load does, of which the Shahabad version is बेल नर कूदे क्रे गोन, दे तमाचा देखे कोन bail na kūde, kūde gon, ī tāmāsa dekhe kon.

- कंडिया dudahi kantiya; but they are also भाँड़ा bhānra in Champāran, धुरन्डा ghurla in the North-West generally, and चपरे chapaī in North-East Tirhut. South of the Ganges we have उड़ारी tahri or पूरा pūra in South-West Shahabad, and कंडिया kantiya in the rest of the district and East Bihār; चाँपी chāmpi, टेडारी tehri, or पतन्डा patla in Patna and Gaya; डुडानी duhni, चुकी chukki, कटिया katiya, मंडिया metiya, कडन्डी kathli, or कडरे kathaī in South Bhagalpur; and चुकान्डी chukri or चुका chukka in East Tirhut and South Munger.
- 137. डावा dāba, डवन्दी dabhi (also in Champāran), पादा pātha, राइस rāïs, or रासि rāsi, are large milkpails used in North Tirhut, and धपःड़ी thapri is a smaller one. काँड़ी kānri or कडई kathaī, also in North-East Tirhut कहा kattha, are in Tirhut wooden milkpails. In South Munger रास rās is used instead of राइस rāïs.
- 138. Vessels used in making and keeping clarified butter (चूर ghyū, &c.) and curds (द्वी dahi, &c.).—This also has various names, viz. north of the Ganges द्वियाची चाँकी dahiyāhi hānri or कहाची karāhi. A local name is करन्म karna (Champāran and Tirhut) or कीरन्म kaurna in North-East Tirhut. South of the Ganges we meet भाँका bhānra generally, with a variant भाँक bhānra in South Bhagalpur and द्वेंकी dahenri to the west. In Patna and Gaya we have चम्पा champa, भक्षाका mahāra, and निद्या nadiya. The last is also used north of the Ganges and in South Munger. In South Bhagalpur other names are कैंसन्री kantri and काँक chhānchh.
- 139. There are sometimes special names for special sizes. Thus while बाँझी hanri or बॅड्या hanriya is everywhere used for the larger size, the next smaller size is in Tirhut कोचा koha or करना karuna. कोचा koha is also used in South Munger, and पनिचा patila or पत्नको patuki is used with the same meaning in Sāran. The next smaller size is कोची kohi or करन्तरी kahtari. A still smaller size is काची chhānchhi, रामकुरी matkuri (of earth always) or मराकूरी matkūhi (North-West Tirhut), and the smallest size of all is कॅकिया chhanchhiya or निद्या nadiya.
- 140. The vessel for holding clarified butter is धिवडी भाँड़ा ghiwahi bhānra, कॅटिया kantiya, कोडी kohi, राइच rāïs (large), चुका chukka (small), &c. Other names in North-East Tirhut are धिवक कड़न्डा ghiwak karha (large) or धिवक कड़न्डी ghiwak karhi (small). In Patna, Gaya, and South Munger चम्पा champa or चाँपी chāmpi are used, and रचेखी rasoli (large) and फेरब्बा pherua (small) are met in South Bhagalpur.
- 141. The leather vessel in which it is exported is say kuppa or say. The latter is smaller than the former, and is also used for

- holding oil. In North-East Tirhut it is also called चमन्ड़ी chamri or चीक-डी chaukthi. नदोइ nadoï is used in Gaya, and गेल्हा gelha is a similar smaller vessel.
- 142. The churn.—To churn is মন্ত mahal to the west and মন্ত mahab to the south and east. The act of churning is মন্তা mahāi or মন্তা mahāi; local variants being মন্ত্ৰী mahi in Champāran and South Bhagalpur, and মহাই mathaī or মন্ত্ৰৰ mahan there and in Gaya and South Munger.
- 143. A churn is north of the Ganges, to the west, मटन्मइन्नी matmahni. In Tirhut and Gaya it is कुंड़ा kūnra or (south-east and also in Gaya and Champāran) कुखा kunda, and (north-east) चोर khor. South of the Ganges it is कमारी kamāri in South-West Shahabad, नौचा taula in the rest of the district (also in East Tirhut), घोरन्माचा ghormāha north of the Ganges and in Patna and Gaya, and महाँड़ा mahānra in South Munger.
- 144. The stirrer or stick moved in the churn is रही rahi generally, and also सहनी mahni to the west and in Tirhut. The latter has local variants, viz. सथनी mathni (Tirhut and the West), सहान mahān (West), and महोनी mahonni (Gaya). Local names are गजःही gajhi (South-East Tirhut), होड़ी chhorhi (South-West Shahabad and East Tirhut), and घोराठी ghorāthi (Patna, Gaya, and South Munger).
- 145. The rope with which it is twisted is generally रकरी rasri or होरी dori; but more specific names are नेत net (generally), with local variants नेवत newat or नेवन्ता newta (east) and नेतो neto (South Bhagalpur). In Patna it is खिंचन्ती khinchni, and in South Munger इस dam. Another name in South Bhagalpur is कोती joti.
- 146. Various vessels.—In South Bhagalpur কাই kān is a small vessel containing a quarter of a ser of milk. A पাষা pātha contains one ser, and a খুকা chūka four ser. In Sāran a খুকা chūka contains a quarter of a ser.

SUBDIVISION VI.

APPLIANCES USED IN THE CONVEYANCE OF GOODS OR PASSENGERS.

CHAPTER I .- THE COUNTRY CART.

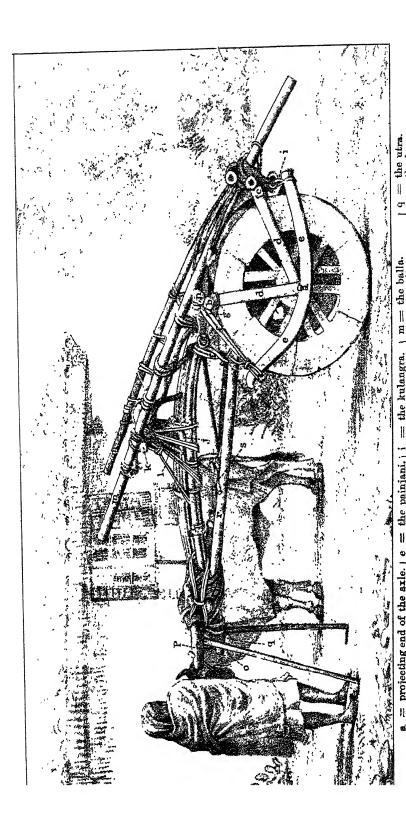
147. The ordinary cart is called everywhere गाड़ी gāri, but in Saran it is more usually गड़ी gari. The इकड़ा chhakra or

गाइन gāra is the large complete full-sized cart, with long bamboo poles projecting from each side in front. In North-East Tirhut it is sometimes called चयूच गाइने chaghūs gāri. The समाइ saggar or सागइ sāgar is a lighter and rougher kind of cart for carrying country produce. In Gaya and Shahabad it is also called खड़-दिया larhiya.

- 148. For carrying passengers the रा rath or रा ranth is a light four-wheeled cart used by rich people. A similar two-wheeled cart is called चाँचनी गाड़ी sāmwgi gāri or (in Gaya) चौँगी गाड़ी saungi gāri. It is also called मंभीची manjholi in Tirhut and Gaya and वर्ष bahal generally, with variants बहुंची baheli (Patna and Gaya) and वर्षों bahli (Gaya). The प्रज्ञा ekka is a two-wheeled light trap, generally drawn by a pony. In Sāran it is also called चोड़ वर्ष ghor bahal. The क्रिएंची kirānchi is a covered cart something like an omnibus on two wheels.
- 149. A cart drawn by a single pair of bullocks is दोषरदा dobarda or दोक-इंग dokra. One drawn by two pairs is चौबर-इंग chaubarda (but this hardly ever occurs). In a team of three bullocks the wheelers are called चूरी dhūri or धुरिया dhuriya to the west and जोड़ी jori to the east, and the leader बौंड़ bīnr or बिंड़िया binriya to the west and जिड़ी jhitti (also in Sāran) or नाटा nāta to the east.

CHAPTER II.-THE LARGE COMPLETE COUNTRY CART.

- 150. This is ছক-ভা chhakra, নাড়া gāra, or বন্ধ নাড়ী chaghūs gāri (see Chapter I). Its parts are as follows:—
- 151. The wheel.—This is everywhere user pahiya. To the west, and also in Gaya and South-East Tirhut, it is also called user chakka.
- 152. The fellog is called **HET** mangar, except in Gaya, where it is **HHT** jamot. It is made of six segments of sisu wood, called each **HET** putthi.
- 153. The nave is called and $n\bar{a}h$. In Gaya it is also as nah, and in Sāran are $n\bar{a}ha$. Through this the spokes run completely through and through, each spoke terminating at each end in the felloe, each thus forming in reality two spokes. There are six of these double spokes altogether, making three pairs of two parallel spokes each (see illustration). These three pairs are of varying thickness. The first pair driven in is thicker and stronger than the second pair,



oy Bepin Behany Das, Student Gort. School of Art Calcutta.

g = the karis h = the amerhi.

A jull-sized Bullock-cart (Chhakru), side view

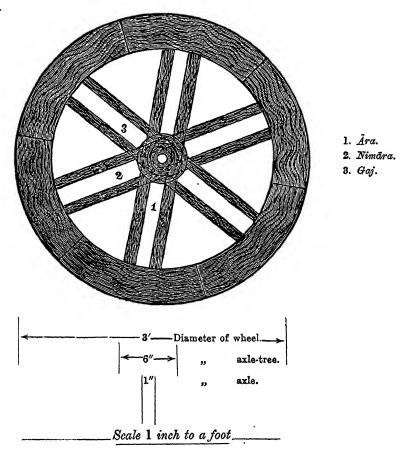
o = the sagun.
p = the munhthopra

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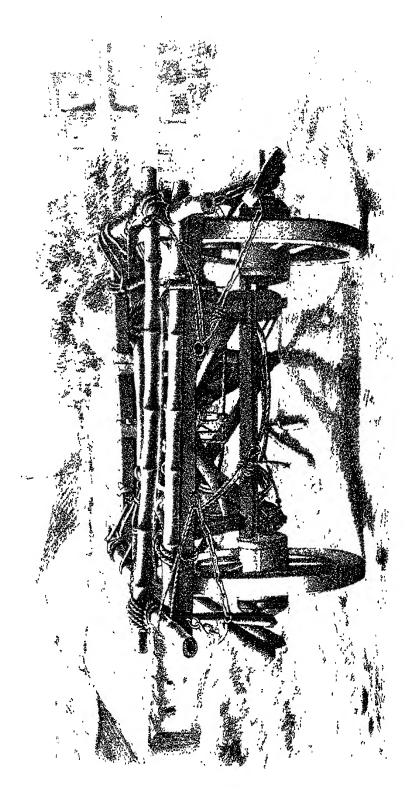
and the second pair than the third pair. In crossing each other in the nave, the second pair runs through the first pair, and the third pair through the second and first. These pairs have names, viz.—

- 154. The spokes.—1.—The first pair is called **state**. This is the thickest and strongest pair of spokes in the wheel.
- 2.—The second thickest and second strongest pair of spokes is called निमारा nimāra, other names being बेखि or बेखी beli (Tirhut and South Bhagalpur), नीम धूरी nīm dhūri or नेवारा nebāra (South-East Tirhut), and खेवारा lewāra (Shahabad).
- 3.—The weakest and thinnest pair of spokes in a wheel is called new gaj.

To the west and in Gaya, both the second and third pairs are called মল gaj. The spokes are collectively called ভঁড়িয়া danriya, and to the west also ভাষোৰ ārāgaj.



- 155. The six segments of the felloe are fastened together by a wedge of wood called चूर chūr or, in Gaya, चूल chūl, fitting tightly into two mortices, one in each of the two contiguous ends of the segment. This wedge is also called चोन्ही chonhi generally, also जोन्ही jonhi or जोन्दिया jonhiya to the west of the North Gangetic tract and गरव विका garab khilla in Shahabad, Gaya, and South-East Tirhut. In Shahabad it is also called चौटी chonti or चैंची chenghi, and in Patna चूल chūl.
- 156. The mortice in the end of each segment of the felloe is called हें इंट chhed or भूर bhūr, or in Sāran खोख khol. The end of the wedge is called डांक स्मी dākni.
- 157. A wedge driven through the segment of the felloe from outside to tighten the spokes in their places is called पञ्चर or पञ्च pachchar, or in Sāran पञ्ची pachchi.
- 158. The iron hoop round the nave to prevent it from splitting is called वन्द band or वन ban.
- 159. Inside the nave is sometimes tightly fastened an iron tube to receive the axle. This is called the मोचनरी mohanri, and in Gaya also मोचनरी mohandi.
- 160. The iron axle-box passing through the centre of the nave inside the सोचनरी mohanri, when there is one, is called धावन āwan, and also (in Champāran, North Tirhut, and South Munger) धाकीन äön.
- 161. When the outside edge of the felloe is bevelled to prevent wearing, it is called north of the Ganges and in Shahabad डाड tāl, with variants टल्डा talua (East Tirhut, Patna, and Gaya), टलाडा talha in West Tirhut, and टलाड talāh in South-East Tirhut. To the east it is also called सङ्गर mangar, सँगररा mangra, or सँगर maigar, with a variant संघररा meghra in North-East Tirhut. In South Munger it is called कोरस्मार kormār.
- 162. When the outside of the felloe is flat it is called **THE** pathar, but this rarely occurs.
 - 163. The tire.—When the wheel is tired, the tire is called \ all.
- 164. The linch-pin is generally घुरानिको dhurkilli, local optional names being रनानिको rankilli (Gaya and South-East Tirhut) and कोस kīl in Shahabad. In East Tirhut, Gaya, and South Bhagalpur it is पषड़ pachchar. The peg inside the wheel is फरानिको pharkilli, or in Sāran फरानिका pharkilla. In a एकाइंग chhakra there is generally only one linch-pin, on the inside end of the axle.



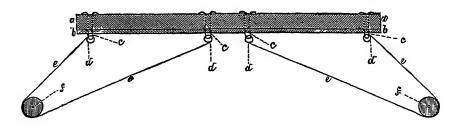
FULL SIZED BULLOCK CART (CHHAKRA) -BACK VIEW.

Lithd. by Hem Chunder Glusal. Student, Govt. School of Art, Galoutta.

W NEWMAN & Co, LIMITED. CALCUITA-IMP.

- 165. The outside washer of hemp (धन san) is चेनी cheni, चंदी chendi, or (in Sāran) चेन्ही chenhi. That inside the wheel is खानन khānan, with variants खनन khanan (Sāran), खनन्दन khanhan (South-East Tirhut), खाँगन khāngan (South-West Shahabad), and खाँदन khandan (South Munger, Patna, and Gaya).
- 166. The axle Each wheel has an axle of its own, each supported entirely by struts descending on each side of the wheel from the side of the cart to which the wheel belongs. The axle is মুন dhūra or মুন dhūra. Sometimes a distinction is made, মুন dhūra being used when the axle is of wood and মুন dhūra when it is of iron; but this is by no means universal.
- 167. The outside supports of the axle—The supports outside the wheel are two pieces of wood meeting outside the wheel in front of the nave, where, at the point of crossing, they receive the axle. The upper end of one fits into one end of the front crossbar of the frame of the body of the cart (\overline{z} and \overline{z}), and that of the other into one end of the rear crossbar of the frame of the body of the cart (\overline{z} are \overline{z}) (see illustration). These supports are called \overline{z} and \overline{z} tulāwa. They are fastened to the body of the cart by chains or ropes, called \overline{z} and \overline{z} and \overline{z} and \overline{z} .
- 168. The curved branch of sisu wood which passes under the point of the axle, where it projects from the तुसाना tulāwa, and thus further supports the axle, is called पंजनी painjani, with variants पंजनी panjani (Shahabad optionally) and पंजनी pengni (North-East Tirhut). In Gaya it is called दान dāb. It is pulled tightly up against the axle by three ties, two in front and one behind.
- 169. The front ties fastened to the fore end of the पेंडानी painjani are called अना jant. The other end of each of these ropes is fastened to a hook, called कड़ी kari. One of these hooks is fastened to the टेकानी tekani, and the other to the bottom of the eart, farther on in front, to one of the कड़-इंडो karhari (vide post). The अना jant are tightened by a stick called अमेडी amerhi, or in Sāran एडीया salanya, which passes between them and twists them together to the requisite degree of tightness.
- 170. The rear tie of the पेंचनी panyani is called कुर्चगन्दा kulangia, or in Sāran तुर्जगन्दा tulangia. It generally consists of one iron chain. Two rings (खड़-खड़िया kharkhariya) hang in two staples (कॉटा koniha) to the underside (पड़ाक parāk) of the rear bar (चाक āk) of the cart. One of these rings hangs near the centre of the चाक āk, and the other

at the end near the wheel. The chain is fastened to one, then passes round the end of the पंजनी painjani, and the other end is fastened to the other ring. In this way the पंजनी painjani is held in its place. The accompanying sketch will make this clear.



 $a-a = the \bar{a}k$.

d = the kharkhariya.

b-b = the parāk.

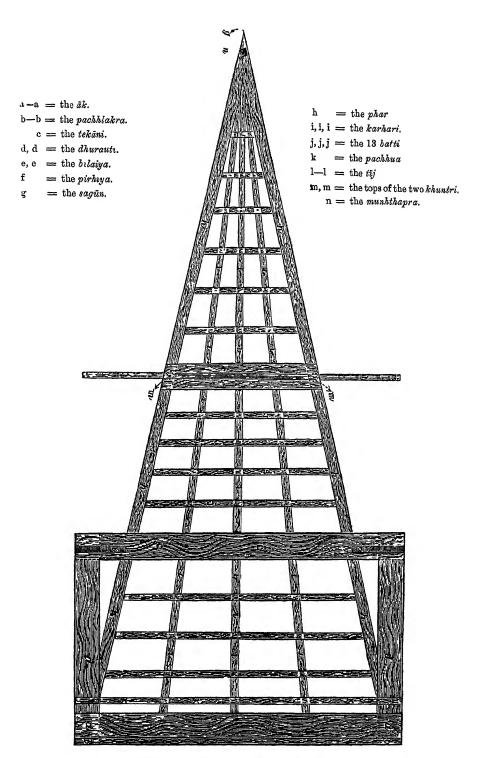
e = the kulangra.

c = the konrha.

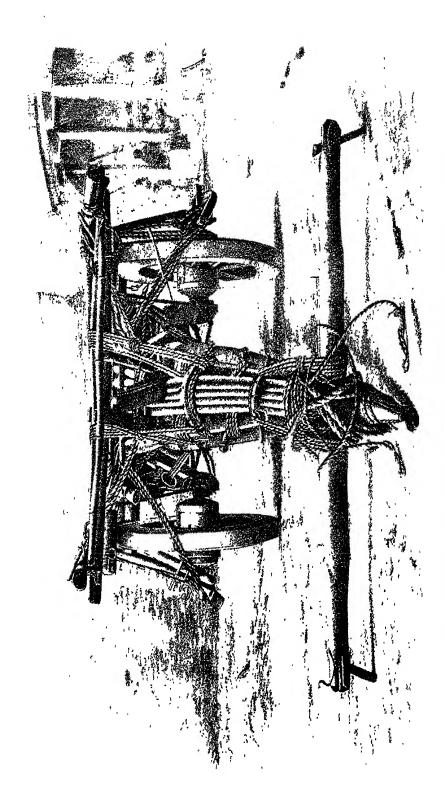
f = the rear end of the painjani.

171. The body of the cart may roughly be described as a long triangle strongly built, lying on one surface, and arched so that its convex side is uppermost. Viewed from the side it resembles a shallow arch, and from above a triangle. Across the back a strong square or oblong frame is laid. This serves as the foundation for the carrying portion of the cart. The annexed illustration is a plan of a cart taken from above.

- 172. The चाक āk or चाज āq is the main beam in the rear of the cart. It is made of sisu. In Shahabad this is called चाँच ānkh. Another and lighter piece of wood going underneath the चाक āk to strengthen it, and also made of sisu, is called पड़ाक parāk A slip of bamboo tied on behind the चाक āk and forming the tail of the cart is known as पक्छकाड़ा pachhlakra, with local variants, viz. पॅम्डलकाड़ा panchlakra in West Tirhut, पिक्छ कड़ा pichhalkura in Patna and Gaya, and पिक्छ कड़ा pichhlakra or कड़ा kara in Shahabad. In South Bhagalpur it is चौकीप ankora or पक्छ वा pachherna.
- 173. The front bar of the square portion of the cart is known as टेकानी $tek\bar{a}ni$. In South Munger it is तेकानी $tek\bar{a}ni$ with a dental t.
- 174. The sides of the square part of the body, going over the wheels and joined at one end to the चाक āk and at the other end fitting on to the top of the टेकानी tekāni, are called पुरोटी dhurauti.
- 175. The piece of wood fitting over the end of each of the घुरौडी dhurauti, where it joins the टेकानी tekāni, and holding the former in its place, is called विशेषा bilaiya.



Plan of a Cart (chhakra) from above.



W NEWMAN & Co., LIMITED, CALCUSTA.-IMP FULL SIZED BULLOCK CART (CHHAKRA)-FRONT

Lithd, by Hem Chunder Ghosal, Student, Govt School of Art Calculta

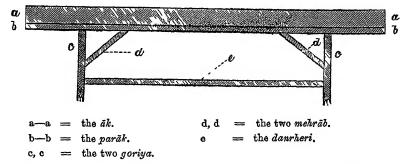
- 176. The short stout *cross bar* of sisu wood crossing the triangular body of the cart between the ইকানী tekāni and the apex of the triangle, in front of the driver's seat, is called বিহিয়া pirhiya.
- 177. The point which is the front of the cart, and which forms the apex of the triangle, is called सन्न sagūn, or in Patna and Gaya समुनी sagūn. The lower portion of this is called in Sāran थोप thop.
- 178. The two long sides of the cart, forming the sides of the triangle, starting one from each end of the चाक āk and meeting in the चान sagūn, are known as फर or फड़ phar, a local variant being फेड़ phair (North-East Tirhut). They are also called नाँगा tānga south of the Ganges and चर्चा harsa in Sāran and Champaran. They are sometimes strengthened with a band of iron, called पत्तर pattar, बन ban, or बन्द band.
- 179. The whole bottom of the eart is called क्ला chhajja. It is composed of the फर phar, the चाक āk, the टेकानी tekāni, and the पिड्या pirhiya, and has in addition three long strips running the length of the eart, called कड़-इड़ी karhari, and thirteen cross-pieces called बन्नी batti, or in Sāran बना batta, and in Gaya also चाली chāli. The कड़-इड़ी karhari are also called फरी phari in Patna and the south-west and चपोट chapot in Shahabad. North of the Ganges they are also called मन्ना manjha, मॉम्ना mānjha, or भरानी bharāni. They are fastened in their places by pegs, called फरिक्सा pharkılla, कड़-किसी kathkillı, or किसी kıllı, पस् pachchar (&c.), or कॉटी kānti. Of the thirteen बनी batti or cross-pieces, there are three between the चाक āk and the टेकानी tekāni, four between the टेकानी tekāni and the पिड़िया pirhiya, and six between the पिड़िया pirhiya and the समून sagūn.
 - 180. This completes the description of the main frame of the cart.

We now come to the various contrivances for retaining goods in the cart. These are the following, but they are not all used in one cart:—

- 181. At the rear of the cart, just in front of the $\sqrt{a}k$, is tied a thick bough of wood. This is called the $\sqrt{a}\sqrt{a}k$. It prevents goods falling out behind.
- 182. Over the पिदिया pirhiya, and of equal length to the टेकानी tekāni, runs a bamboo called the नीज tīj, supported by two stout pillars about a foot high, each standing on one end of the पिदिया pirhiya. These pillars are called the बुँडन्दी khuntri or बुँडन्दा khuntra, local variant

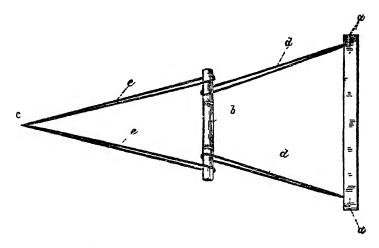
- being खुँटइःरी khuntahri (Sāran and South Tirhut) and खुँटेइःरी khuntehri or खूँटिइःरी khuntihri in Shahabad. In Gaya similar posts are called साँची mānchi.
- 183. Two very long bamboos now form sides, each resting on one end of the चाक āk, on a विखेश bilaiya, and on one end of the तीज tij. Each projects behind the चाक āk and a long way in front of the तीज tij, and is called बजा balla. Other names are बॉच bāns, बॅम:बजी bansballi, बॅमीरा bansaura (Shahabad), or चॅद्रवा chandwa (Patna).
- 184. Sometimes bamboos run from end to end. These are called चीप chip when they commence at the टेकानी tekāni and run close under and fastened to the पर phar, up to the प्रान sagūn. They serve to strengthen the पर phar. When they run the whole length of the cart, from the पास āk to the प्रान sagūn, and form as it were the string of the bow formed by the body of the cart, running close to and parallel with the भटाका jhatka (vide post), they are called जापा lappa or (in Tirhut) जाप lappu. They are fastened to the body of the cart by ties, known as द्वाराची dāngh in Sāran, द्वाराङ्की daungri in East Tirhut, नाभी bādhi in Shahabad, जीहा jaunrha in Gaya, and चीट sonth in South Bhagalpur. Elsewhere they are simply रसा rassa, &c.
- 185. Sometimes the ৰন্ধা ballā is raised behind by a pillar (ৰুঁহাৰী khuntri) at each end of the আৰু āk, and the space between it and the body of the cart filled up with a rope siding. This rope siding is then called ৰ্যাৰ্থা hanthwāsa, or in Patna দেৱৰা pharka, and in Sāran एड़ा era.
- 186. The flat board forming the driver's seat is called मोचन्दा mohra, or in South Bhagalpur मोदा morha and in Shahabad मुँचन्द्रा munhra.
- 187. The parts underneath the cart supporting the inner end of the axle-tree.—There are two supports inside each wheel, like the grant tulāwā outside They cross each other opposite the inner end of the axle which passes through the intersection. As each wheel has a separate short axle, there are therefore two independent pairs of these, one inside each wheel.
- 188. The rear one of each of these pairs is called মুহ্মা guriya or নাছিনা goriya, or (in Patna) অসানা khajāna. Like the rear বুভাষা tulāwa, its upper end is fastened into the আৰু āk. It is strengthened in its place in the আৰু āk by a strut, called নহন্দ্ৰ mehrāb, and the two মুহ্মা guriya are further strengthened by a cross-piece called হুৱা

danrheri, joining the two, which thus prevents them approaching each other. The annexed illustration will make this clear.



- 189. The front supports of these pairs are each called আৰ thobh or খাব thop. The upper ends of these are fixed in the ইকানী tekāni.
- 190. The apparatus for keeping the body of the cart curved.—
 This consists of a set of strings called waves jhatka, which passes right under the cart from end to end, one end being fastened to the war āk and the other to the war sagūn. This is kept tight, so that it keeps the whole cart bent exactly like a bow.

The following illustration shows the arrangement:—



 $a-a = the \bar{a}k$.

b = the danta.

c = the $sag\bar{u}n$.

d = strings fastened to the $\bar{a}k$, passing round the danta and back to the $\bar{a}k$.

e = strings fastened to the sagūn, passing round the danta and back to the sagūn.

- 191. The इस्पा danta, or in south Bhagulpur चमेड़ो ameri, in the above figure is a stout piece of bamboo. It will be evident from the figure that it affords increased leverage, and offers a ready means for tightening the भटाका jhatka when necessary. Sometimes bamboos run parallel to the भटाका jhatka from the समूच sagūn to each end of the साम āk as further strengtheners. These are called ज्ञाम lappa or (in Tirhut) ज्ञाम lappū.
- 192. The क्तिया chhatiya is a slip of wood fastened across and under the body of the cart from धोभ thobh to घोभ thobh. which serves to hang baskets, &c., from.
- 193. The point which is the front of the eart, and which forms the apex of the triangle, is, as already stated, the समून sagūn or समुनी sagūn. It is here that the yoke is fastened. Underneath it, to prevent the point resting on the ground, is fixed a stout peg, called जरूरा utra. On the top of the समून sagūn, to afford a boss for fastening the yoke to, is fixed the सुँद्रशोप इंग munhthopra, जुँद्रश्यप इंग munhthapra, or (south of the Ganges) मोर्थाप इंग mothāpra. In Champāran it is called मोइन्ड्रा mohra.
- 194. The yoke is जूचा jūa, and also in Shahabad जूचड़ jūar, as distinct from पांची pālo or जुचाउ juāth, a plough yoke (see § 14). The pegs passing through the ends of the yoke, outside the bullocks' necks, to prevent them shirking their work, are made either of wood or iron. The name पमेख samail is generally applied to them when of wood, and चेमच semal, पमाच sammal, or चिमाच simmal when of iron; but this distinction is not always observed. To the east they are called क्रमेख kanail. The inner pegs towards the middle of the yoke, on the inside of each bullock's neck, are called (in East Tirhut) चिरेषा chiraiya. They may be of either iron or wood.
- 195. Props.—When the bullocks are unyoked, the front of the cart is supported at the समून sagūn, to prevent it falling forward, by the सिपासा sipāwa or (in North East Tirhut) सिरन्पासा sirpāya and (in Sāran) सिपन्सा sipwa. The top of this is called in Gaya माँका mānjha. The prop to prevent the cart falling back is एड्रा era, जन्नसा ularua, सिमन्सा sidhwāi, or (in Patna) सरसा larua.
- 196. The ropes which go round the bullocks' necks are जोता jota, जोती joti, or गल्डजोती galjoti. When three bullocks are yoked, the rope which goes over the leader's neck is to the west विंद्या binriya or विद्या biriya, and in Saran and the east जिल्हो jhitti. The rope (रसी rassi, &c.) by which the yoke is kept in its place is called विद्या birthua, or in North-East Tirhut काँक jhonk.

- 197. The mat put in the bottom of the cart to prevent grain from falling out is sets chatāi generally, but it is setsure hariyār in Patna and मॅडारी bhandāri in South Bhagalpur. The last is also used optionally in Gaya and East Tirhut. In Sāran a canvas mat used in the same way is called susu dhāla.
- 198. The iron chain for tying up the bullocks at night is generally सोकर sīkar or जनन्जीर janjīr. Local names are पाची pāhi or डाँड्र dānrar in Champāran and Tirhut, वेस bel in Gaya, and पैकस paikal, (also in Gaya) पैकर paikar, or पैंकड़ painkar in Shahabad. The portion round the bullock's neck is called गरन्दनी gardani.
- 199. The above is the description, except where otherwise stated, of a very complete vary chhakra, which is itself the most complete kind of cart. Few carts are as complete as this; but they differ merely in being less complete, and in no other way.
- 200. As regards size, the cart of which the above is a description had the following measurements, a cubit being taken as equivalent to $1\frac{1}{2}$ feet:—

		Cubits.
Length from चाक āk to टॅकानी tekāni	•••	$1\frac{1}{2}$
" टॅकानी tekāni to पिहिया pirhiya	•••	$1\frac{1}{2}$
,, বিভিয়া pirhiya to ধনুন sagūn	•••	3
Total length	•••	6 cubits, = 9 feet.

The **चाक** āk, टेकानी tekāmi, and तीज tīj, were each three cubits long.

The **च**न्ना ballā were each six cubits long, and the खुँटन्दी khuntri one foot. The wheel was two cubits across.

The greatest height of the arch was at the full pirhiya, where it was one cubit.

The height of the $\forall q = sag\bar{u}n$ from the ground when supported by the fevrer $sip\bar{a}wa$ was $2\frac{1}{2}$ cubits, and that of the $\forall q = \bar{a}k$, at the same time, $1\frac{1}{2}$ cubits.

CHAPTER III.—THE LIGHT COUNTRY CART.

201. This is समाइ saggar, सागइ sāgar, or उद्गिया larhiya (see § 147). In Sāran it is called गाइ। gāra.

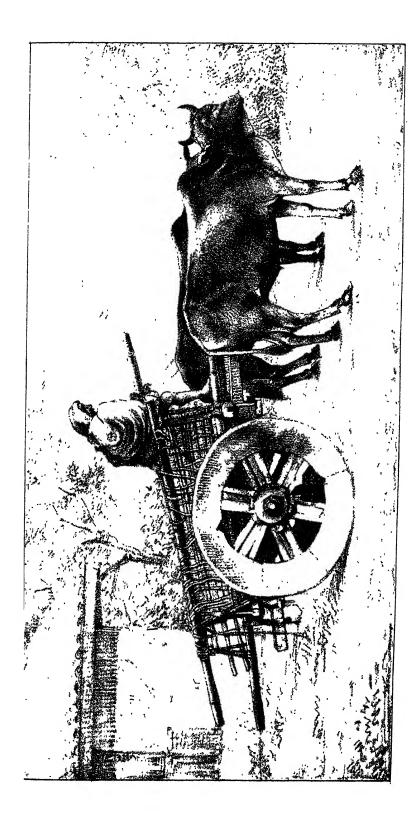
This cart is rougher, lighter, and cheaper than the was chhakra.

202. The wheel is the same as in the *a-st chhakra.

- 203. The axle.—There is only one axle (यूरा dhūra), which goes right across under the cart, and on which both wheels run. It runs through a block of wood which runs across from wheel to wheel, and out of each end of which the ends of the axle project. This block is called कॅट्रा mandra. The projecting ends of the axle receive the wheels, which are held in their places by outside linch-pins (ध्राकिसी dhurkilli. &c. (see § 164). Sometimes the wheels of the चान saggar are protected by a board outside, one end being fastened to the चान बेंद्र and the other to the टेकानी tekānı (see §§ 172, 173) Through this the end of the axle projects, and is made secure by the linch-pin. This board is called पैजनी panjanı, पैजनी panjanı (Shahabad optionally), or (North-East Tirhut) पैगानी pengnı, and must be distinguished from the different wheel support bearing the same name in the चकाना chhahra.
- 204. The body of the सगड़ saggar is not arched, as in the सकाड़ा chhakra. It is simply a flat triangle of wood, principally bamboo. The two long sides of the body, commencing at each end of the आक ति and ending together at the सगून sagūn, are called, as in the सकाड़ा chhakra, फड़ phar, &c. As the सगड़ saggar has no तुसाना tulwa, योग thobh, or युड़िया guriya, the body rests directly on the axle, being supported by two blocks of wood, called नेत्रा tetla, नेतिस्या tetaliya, or in Saran नेतुसा tentula, each of which rests on one end of the मेंद्रा mandia, and on which, on the other hand, the corresponding फर phar rests. Along the फर phar, and underneath it, is tied a bamboo to strengthen it. This is called नाँगर bāngar.
- 205. In other respects a समाइ saggar differs little from a स्काइन chhakra, except that it is built lighter and almost entirely of bamboo. As the body is not arched, the former has of course no भारतका ghatha, &c.

CHAPTER IV .- THE BULLOCK CARRIAGE

- 206. When it has four wheels, it is called **\tau** rath or **\tau** ranth. This is rare in Bihār.
- 207. When it has two wheels, it is called बद्दल bahal, with variants बहेजी bahel (Patna) and बहन्जी bahlı (Shahabad and Gaya).
- 208. This cart is almost exactly the same in principle as the सक-ड़ा chhakra, except that it is generally built lighter. On the square portion at the back is reared a kind of canopied seat, called चाँब-गी sāmwgi or चौँगी saungi; hence the cart is also called a चाँब-गी गाड़ी sāmwgi gāri.



The light Country Cart (Saggar)

Lik.by Sutte PresunnoMukerjee Student Govt. School of Art Calcutla.

THE BULLOCK CARRIAGE (SAUNGI GÂRI)

Printed by Abdool Rolina Govt. School of Art Calcutta

209. Its parts are as follows:—

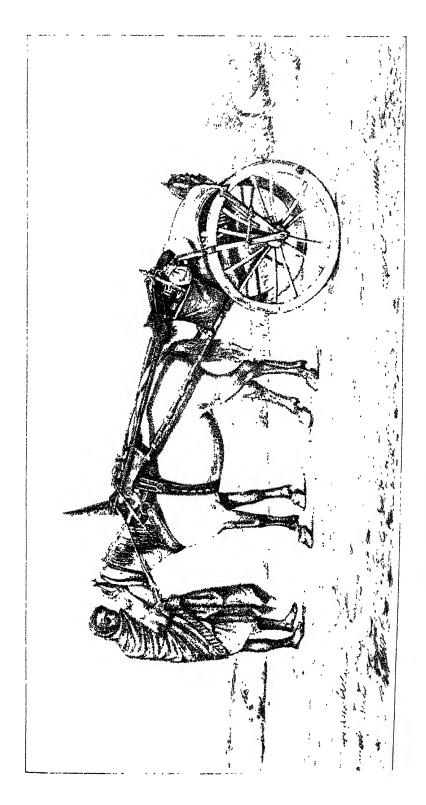
The wheel.—As in a cart (see § 151 and ff.).

The leather washer is called चकाती or चकाटी chakti, गहा gadda, or विवर्ष bithai.

- 210. The $\alpha x/e$.—As in a cart (see § 166).
- 211. The supports of the wheels and axles.—These are the same as in a variful chhakra (see § 167 and ff., § 187 and ff.)
- 212. The body of the vehicle.—The lower part is like a क्काड़ा chhakra. Over it is placed the following, the whole of which is called कॉबगी sāmwar or कींगी sāungi.
- 213. The frame of the seat is पही patti, local variants being पहा patta (East Tirhut and Patna), परिया patya (East Tirhut and the west), and बीडफी baudandı (Gaya). Its supports are चूंडा khūnta or खुटा khunta. On these are ornamental brass knobs, called फुलिया phuliya. The posts supporting the awning are उद्धा danda or उद्धा danta (East Tirhut and the west). The top of the awning is द्वारी chhatri or (in Shahabad and Gaya) उटारी thatri, and the stuffed cover to keep off the sun is बहा gadda or बहेचा gadela. In South Munger it is बही gaddı. The net forming the bottom of the seat is चाँचा sāmwgı or चौँगी saunqı, and the leather guard of the body inside the wheels is घमाका dhamāka.
- 214. The two long sides are called দাই phar, &c., or নাঁগা tānga, as in the ছকা-হা chhakra. Between them are placed narrow planks, called নাঁশা mānyha.
- 215. The supports of the body behind are दरका dharua or दरका dharua, and similar smaller ones inside are बावन्सी bāwh.
- 216. The देतुचा dantua, or in Sāran दाजा dhāla, is the back seat for carrying luggage, and it is also called चड़ानी arām in South-East Tirhut and Champāran. डोरी dorn are the strings forming the side of the awning, and परन्दा parda is the side awning, which may be raised or let down as required. In Sāran it is also called चोदार ohār.
 - 217. The rails on each side of the driver's seat are and balls.
- 218. In other respects the bullock carriage is the same as the energy chhakra (see Chapter II).

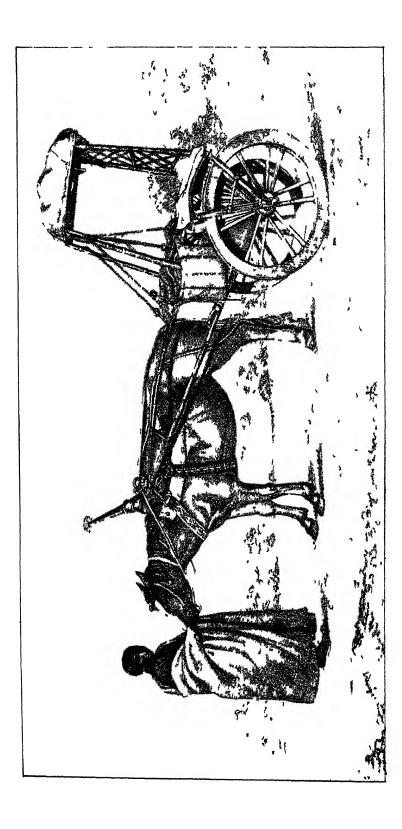
CHAPTER V.-THE PONY CARRIAGE.

- 219. This is nearly the same as the bullock cart, on a smaller scale, except in the following particulars:—
- 220. The wheel is the same as in the bullock carriage (see § 151 and ff.).
- 221. The axle is चूरा dhāra or धूरी dhāri, which is strengthened inside by a short metal tube, घाँचा sāmma, घाँचा sāma, or घाँची sāmi. In North-East Tirhut the latter is also called घाँच sāma. There is one of these inside each wheel, and they act as a kind of washer. There is only one axle (धूरी dhāri), on which both wheels run. Outside each wheel are a pair of तुष्टाचा tulāwa, but inside there are no शोभ thobh or गुष्टिया guriya, as in the bullock cart (see § 187 and ff.). Round the ends of the टेकानी tekāni. the चाक āk, and the axle, forming a triangle outside the wheel, is tightly tied a rope called the जम jant, and just above the lowest angle of this triangle (i.e., just above the point of axle), is tied to it a short stick serving as a footstep, called चचार salāi or पर्वेषा salaiya.
- 222. The तुलाग tulāwa are fastened to the जात āk and the टेकानी tekāni (see §§ 167, 172, and 173) by iron hooks, called जॅद्वरी ankuri or (Champaran, South Tirhut, and South Munger) जॅद्वरा ankura. South of the Ganges they are also called in Shahabad and South Bhagalpur तुलाइ tulāï. जाल hāl is the tire of the wheel. The leather splashboard over the wheel is नज्ञा takhta or नज्ञी takhti. In South-West Shahabad it is called पटन्या patra.
- 223. The props of the body are उद्धा danda (west), उद्धा danta (east and Champāran), or चूँरा khūnta. The top of the awning is इत्तरी chhatri, and the roof of it is इत chhat or (in Gaya) तहक tarak; ग्रेसा gadela or (in South-East Tirhut and South Munger) गर् gaddi is a cushion at the top to keep off the sun. The awning at the sides is परन्दा parda, or in Sāran घरा दोप ghata top, which is fastened by iron rings, कही kari or (in Gaya) बोसी kholi. The ropes which support the awning poles are द्यावाँचा hathwānsa, and the rope trellis between the two rear awning poles चौक chauk. This last serves as a back to lean against.
- 224. The खूँदा khūnta or खुँडन्दा khuntra are posts which support the body in front on the axle. ट्रांस dharua, डांच्या dhārua, or (in South Bhagalpur) डांस्याँ dhāluān, are the posts which support the body on the axle behind the खूँदा khūnta. बावन्सी bāwli or बोसी



PONY CARRIAGE (BKKA), WITHOUT CANOPY. 'thiby Hem Chunder Dutt, Student, Govt., School of Art, Caloutla.,

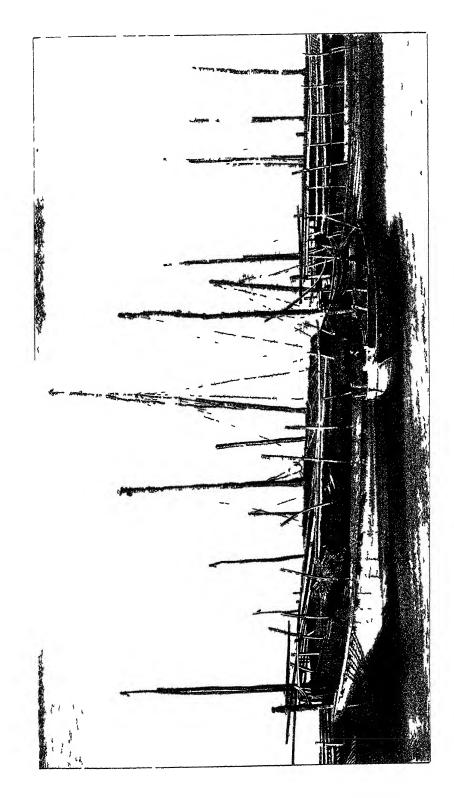
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AN EKKA WITH CANOPY

bault are similar posts behind the ver khūnta, but in front of the दरका dharua. They are quite inside the body of the cart. To the west of the North Gangetic tract they are also called us ganj. The पाँक्या ponchhiya or (to the west) पिक्या pichhua are the pointed ends of the lower shafts behind. In South Bhagalpur they are called दगन्ती dagh. तान tān are the four iron bars which support the body on the axle. Two of them are called खुँडातान khuntātān or (in South-West Shahabad) गुजान्त्राम gaybāg. सॉक्स mānyha are similar wooden supports. The सावन्ती samugi or सीनी saungi is the twine net under the seat, and the straps which keep it up are the चौँगी के नारी saungi ke nāri. The गोड़िया goriya are side ropes which fasten the splashboard to the axle, and the भगवा dhamāka is the leather siding inside the wheels. The four curved bamboo shafts are नाँगा tānga or (in Patna) टाँगा tānga. The कानी के नारी chhāti ke nāri is a strap inside, fastening the body to the axle in front of the सौंगी के नारी saungi ke nārr. The खदाव ladāw are cross-pieces of bamboo from shaft to shaft, forming the body of the cart. In North-East Tirhut they are called फडी phathi, and in South Bhagalpur बना battā. The net at the bottom is जाला jala, and the भरन्ता jhatka is a strong rope behind and below, fastening the cross-pieces of the body

- 225 The driver's seat is करन्ता kartalı. The pieces of bamboo which run underneath from shaft to shaft, on which the driver rests his feet, are चनःचोरा lat/hora generally north of the Ganges, or उड़्ड़ी darent in Salan and उड़्ड़ा dantera in South-East Tirhut. In Shahabad they are चतेड़ा latera, in Patna and Gaya इंड्या dantya, and नरेरा tarera in South Bhagalpur. The गोड़िया gorrya or (in South-East Tirhut) घोड़िया ghorrya are pieces of wood which join the upper and lower shafts. पा pankhi are pieces of leather joining the upper and lower shafts near the yoke. These shafts are also fastened by a leather rope called, north of the Ganges, युउरा muthia, and to the south of it मोउड़ा के नाड़ी mothra ke nāri, or in Shahabad मुंदा के नाड़ी munhia ke nāri. In Patna and Gaya it is called उड़ा chhara. The मोथाडा mothapra is a brass cap fitting on to the ends of the two shafts.
- 226. Harness—The pointed part of the saddle is जोगीर khogir, or in Shahabad and East Bhagalpur खनूर khagūr. The pad is गरी gadh or गरी gaddn. The wooden block is कटन्स kathra or (in South-West Shahabad) कटन्स kathla. The rings through which the reins pass are कहा kara or सम निक्त rās karı. The leather surcingle going over the saddle, round the horse's shoulders and across his chest, is समन्तक pushtang or सम्बद्ध



Bow of a Dengi Machhua.

Dohat.

Stern of a Melhni,

Pansùhi.

BOATS USED IN BIHAR.

SARINGA.

EATAILIS ULĀNK.

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J Schaumburg, Luth

stern portions cut out of solid wood), and unital pansūhi (which has a round bottom, but goes in shallow water).

- 232. The smallest kinds are पलःवार palvār or skiff and प्रकारा ektha or dug-out. The latter is also called वँगान्हा bangra. Also the खोडानेश kholnaiya, with both ends rising like a gondola well out of the water, and which cannot sink. Another similar boat is called the देंगी सद्भा dengi machhua, or dingy. घरनाई gharnaī (South Bihār) is a temporary raft made of water-jars (घड़ा ghara) and bamboos tied together.
- 233. The parts of a boat are as follows:—The thwarts are Tet gurha and the ribs बाता bāta or (in Champāran) उड़-बाता tharbāta, उद्दिया tharhiya (in Champaran and North-West Tirhut), गोका gochha (in Saran and South-West Tirhut), get guchchha (in North-East Tirhut), and and kāchh (in South-East Tirhut). Smaller transverse ribs are बाँक bānk. The outer planking is चार har or (in South Munger) बाकल bakal, (in Champāran and West Tirhut) बगल bagal, and (in North-East Tirhut) काक्क पारी kāchhak pāti. In Gaya it is जलमन्दार jalamhār. In Shahabad the planks which run from end to end in the length of the boat are भद्दार ahar, and देवाच dewal is also used to mean the "wall" or side planks. The flooring inside the boat is पाटन pātan or पटन्वटन patwatan, or in Saran परोरी patauri. A long plank running over this is in Shahabad ward apti. The grating above the bottom of the boat is चाची chāli or (in South-West Tirhut) जड़-इत urhrha, and (in North-East Tirhut) पटाइ patāi. In a पटेखी pataili the planks at the bottom which run from end to end are day lewa, and in other kinds of boats मरिया mariya or (in North-East Tirhut) मरेया mareya, and in Saran सोरिया moriya. The platform on which the rower sits is पटौरी patauri or feza bitan. When on the roof of a large boat, it is after bit or पटाइ patāi, or in Shahabad इसन्सचानी halmachāni or सचान machān. The deck planks in the middle are पांटन्ना pātna. चचार chachār is brushwood put in the bottom to stand on. कड-वा karwa or कड-वा kanrwa are the posts which support the thwarts. जीका jonka are iron rings to which the roof of the boat is fastened by ropes. In North-East Tirbut and South Munger they are called कड़ी kari.
- 234. When a boat is calked with the bark of the पराप parās tree (butea frondosa) the calking is called रणन्त raswat, and when with hemp it is गण्डा gahni. प्रार atār (in Champāran and North-West Tirhut) is string used for calking.
- 235. The keel, which is the first plank laid in making a boat, is funt sikka. In Champaran it is una sahan, and una patain or unor danda in South-East Tirhut. It runs the whole length of the boat, and hence

चिद्या sikka is also used to mean the two ends of the boat. The length of the boat is इवर dawar, and the stern post নভাৱী galhi. The prow is মভাত্বা malang, মানি mangi,* or মান mang.

- 236. The rudder is पतःबार patwār or (in North Tirhut) पतिबार patiyār. In Gaya it is पटःबार patwār. This is properly the lower piece. The rudder post is जोस gol, (in Shahabad, North-East Tirhut and, optionally, South Munger) उन्हा khamha, or in Gaya जोसा gaula, and it is fastened to the thwart by a rope called बिख्या nathiya. The tiller is saila or (in South Munger and North-East Tirhut) उन्हा danta, and the socket in which it works बनरा banra or (in North-West Tirhut) देख thel, and (in North-East Tirhut) देखरी thehri. One rope, by which the rudder is fastened to the boat, is गॅइन्कस्मा ganrkassa, and another, by which it is held up, is चॅक्विया ankwariya. The steersman is माँसी mānjhi.
- 237. चेन-ता sewta or (in South-East Tirhut) चोता sota is the wooden vessel used for baling out water. An oar is डॉड् dānr, a paddle करचार karuār, केरचार keruār, or in Sāran करचारी karuāri, and the blade of it पाना pāta. A punting pole is जमी laggi or जमा lagga.
- 238. The mast is गुरन्ता gurkha or मसन्त mastūl, or in Shahabad गुनरन्ता gunarkha, and the yard is मोरन्नी morni. The mast is raised on a post to which it is spliced. This is इरन्समा darsūdha or जमोमा jasodha in South Munger and Tirhut, जरन्समा jarsudha in Champāran, and जन्ममा jawsadha there and in North-West Tirhut. The socket in the bottom, in which the post is stepped, is इरन्समा के मिल्या darsūdha ke maliya or मलन्ता malwa. The सन्तनियाँ satwaniyān is the thwart to which the post is tied. It is called in South-East Tirhut स्त sūt. The pulleys are चिरन्नी ghirni, and the sail is पास pāl, and in Shahabad स्त sūrt or स्त-नियाँ surtwaniyān.
- 239. The tow-rope is गून gūn or (in Gaya and the south-west) गोन gon, which is tied to pieces of bamboo called बेरबा berua or खूँटा khūnta, or in Shahabad बर्चा barua, which the boatmen press against their shoulders when hauling a boat up stream. The man who tows is गुनन्वाच gunwāh. खदाची lahāsi is a cable, and खद्भर langar or गिराबी girābi the anchor. A large iron anchor is खोच-खद्भर lohlangar or गिराबी girāmi.
- 240. To draw water (of a boat) is पानि तोड़ब pāni torab to the east and पानि तूर्ल pāni tūral to the west, e.g. ई कच्छा बड़त कम पानि तूरत

^{*} The most comfortable seat is in the bow. Hence the proverb जनिका खेवा निष्ट से घणिता सौंग सवार janikā khewa nahin, se agila māngi sawār,—the fellow who hasn't money to pay his fare takes the bow seat.

THE ORDINARY COUNTRY LITTER (DOLI).

बा i kachchha bahut kam pāni tūrat bā,—this kachchha draws very little water. To be aground is टीकब tīkab.

CHAPTER VII.—THE LITTER.

- 241. The litter is खरोजी khatoli, डोजी doli, or (in North-East Tirhut) खोटन्जी khotli. डोजी doli is also used for the ornamented litter used at marriages, which is also called in South Bhagalpur चन-डोज chandol or नड़-नड़-वाँ tartarwān. The last word is said by natives to be a corruption of the Persian وران خنا takht rawān, or moving throne. In the west it is also called नांख-की nālki or विश्वक्रती पांख-की biyahuti pālki.
- 242. The bamboo pole is बॉस $b\bar{a}ns$, and from it the litter is suspended.
- 243. The litter itself is बटोसी khatoh, and is a kind of small bed (चरन्पाय charpāy) with a bottom made of rough twine (सत्तरी sutri). The sides and ends of the bed are पाटी pāti. In South Bhagalpur the sides are called पही patti and the ends चिरन्त sirwa. At each end two pieces of split bamboo run up from each corner, meeting about 3 feet above the bed, and thus forming a triangle. These bamboos are called चिपावा sipāwa, or in South Munger विपादा sipāha, and in Sāran विषक्त sipwa, and they are fastened to the corners of the bed. and, at the apex of the triangle, to the pole by a string called बरःक्स This string is also twisted round the fyrrar sipāwa to strengthen them. A bamboo stick passes through the pole just behind the rear feurer sipāwa, and, descending perpendicularly, is braced to them by strings. This is called Egul tenrua or Equi terua. prevents the pole slipping round. The illustration shows a litter as carried by four persons, but this kind is more usually borne by two.
- 244. The feet of the bed are called पौचा paua, and the strings for tightening the bottom of the bed are चोराचन orchan, and also in Shahabad चोराव्यान ordawan.
- 245. Fastened to the pole over the bed, and in a plane parallel to it, is an oblong framework of bamboo slips for supporting the canopy. This is called उटारी thatri, and in South Bhagalpur also इतानी chhatri or इतारी chhatri; and the string braces descending from its four corners to the four corners of the bed, to keep this awning steady, are called तान tān.
- 246. The illustration shows a litter without the curtains. When a woman travels in it, the whole is enclosed in a set of curtains like a bell-mouthed bag, called चौचार ohār or परन्दा pardā.

- 247. A superior kind of litter, used by richer women, is मेचाना meāna, मंचाना meñāna, मचाना mahappha, डाँड़ी dānri, or डाँड़िया danriya. It has a domed roof, called उटारी thatri, supported on eight pillars (four at each side), called उटारी thatri. The side-boards of the body are called दीशा diwāl, or in Shahabad दिखाचा dilhā, and the doorway दुचारी duhāri, or in South Munger दुचारी duāri. The rest is like the डोजी dōli.
- 248. The बराइरी bardari, or in Shahabad बरइन्ट्री barahdari, also called in Sāran खराखरिया kharkhariya, is the corresponding litter used by wealthy men. It is the native form of the Europeanized palankeen. In this the side-pieces at the bottom are called पाटी pāti or पटिया patiya, the net bottom विनायट bināwat, the legs पोचा paua, the side-boards पटारी patri, the four pillars at each side चिपोचा sipaua, the doorway दुसारी duhāri, and the roof इन chhat. The shelf inside at the feet end of the litter is दराज darāj.
 - 249. The poles are called बाँच bāns, and the curved end of the front pole थोप thop. The four iron struts at each end are called नान tān, and they meet in a ring (चुनिया chukiya or in South Bhagalpur धामी sami), which goes round the pole. The inner end of the pole rests in a socket in the end of the litter, which is also called चुनिया chukiya, and also in South Munger धामी sāmi or खुनिया khubiya. The rope network filling up the space between the two lower struts at each end is called क्यायट kasāwat, or in South Bhagalpur क्यम kasan.

SUBDIVISION VII.

APPLIANCES USED IN RURAL MANUFACTURE.

CHAPTER I.—APPLIANCES USED IN THE MANUFACTURE OF OIL.

250. The oil-mill is known as a tem kolh or at the kolhu throughout the province. In Gaya it is also at kelhu. It closely resembles the sugar-mill, as described in the next section, and a detailed description is not necessary. Nevertheless, owing to the circumstances stated therein, it has been found inconvenient to give an illustration of a sugar-mill, and accordingly the following description of a Patna oil-mill is here given in order to explain the accompanying sketches. To these reference can be made in reading the section on the sugar-mill, in which the few points of difference are noted. A well-known proverb

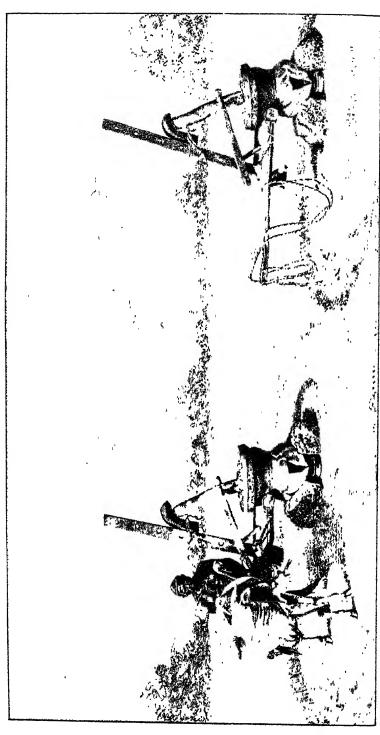
THE LITTER USED BY RICH WOMEN (MEYÄNA).

Lith.by Nirtya.Kali Mookerjee Student Govt. School of Art Calcutta.

Printed by Abdool Rohm Govt. School of Art Calcutha.

BARDARI (COUNTRY PALANKEEN).

Cornwalls Press Calcutta



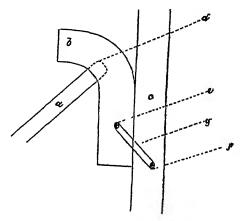
An orl-mill, showing the manner of yoking and blindfolding the bullock.

An onl-mill (kolhu,

about the oil-mill is देख खरी खाद निंह, कोल्ह चाट जाय del khari khāy nahiñ, kolh chātai jāy,—(the bullock) won't eat oil-cake when it is given to him, and yet it goes to lick the oil-press; i.e., stolen goods are sweet-

- The hollow wooden block forming the bed of the mill.—This is कोल्ह kolh or कोल्हू kolhu, and in Gaya also केल्हू kelhu. In this the cavity in which the oil-seeds to be crushed are placed is known as ve pet or sur handa, or in North-East Tirhut as kūnrh and in Shahabad खान hhān. In the oil-mill this cavity is shaped like an inverted cone. the apex reaching to about midway down the block. There it is about two inches wide, and thence it widens again like an hour-glass till it leads into the back of the top of the निरोच niroh. The lower half of this hour-glass cavity is known as अधन्ती athri. The lower end (मूँड़ी mūnri) of the pestle (महन mahan) is just wide enough to fit tightly into the narrow part of the cavity at the waist. The upper half of the cavity is that in which the oil-seeds are placed. It has a lining of a series of longitudinal pieces of hard wood, wider at the top and tapering to the bottom, which are very tightly wedged together. These are called पाचर pāchar. Sometimes, when these get worn away by the constant working of the pestle, a fresh lining is put inside them. In this case the old lining is called struct tharpachra, or in North-East Tirhut नर-पन्नरा tarpachra, and the new inner lining पेटन्पचन्रा petpachra.
- 252. The block is buried very deeply in the ground to steady it. The part below ground is called जङ्ग jangha. Round the base a circular mound of earth is fitted, called भौता bhaunta, or in South Bhagalpur भौडो bhauntho, in North-East Tirhut भना bhatta, and in Sāran मैं भौटा manjhauta; and in this, below the exit for oil, a space is dug out for the vessel (एका chhanna) receiving the oil.
- 253. The exit for oil is the triangular hole at the bottom of the block over the above-mentioned cavity. It communicates at its upper end with the चयनी atlar. This oil exit, together with the cavity for holding the vessel, are together called निरोध nuroh, and in Sāran and Tirhut also नरेड naroh.
 - 254. The flat top of the block is called पारा pāra.
- 255. The horizontal board to which the bullocks are attached.—
 This is called कतररी katrı. On it the oilman (तेसी tell) sits, and while he drives the bullocks he at the same time keeps pressing down the seeds into the cavity with his left hand.

256. The upright beam, or pestle, which moves in the hollow of the mill and crushes the seeds.—This is मोदन mohan or मदन mahan. To the west it is also called जाउ jath, or in Shahabad मॉदन mohan, and in North-East Tirhut मोहन mohain. The ball at the end of this heam, which fits into the narrowest part of the hollow of the block, is मुद्दी mūnri. The ferrule round this is मुद्दानों murvāri. The notch above this is जाद kānh or ज्ञा kandha. The upper end of the pestle rounded off is प्र chūr or प्रा pūnchhi, and the curved piece of wood joined to this is देवा dhenka, or in North-East Tirhut देवा dhenkua. This curved block of wood connects the pestle with the upright post which is fixed in the horizontal driving-beam: thus—



- 257. In the above sketch b is the san dhenka, a is the top of the san mohan fitting into it up to the point marked d. The upright post is c, which is fastened to b by a string g passing round the two pegs e and f.
- 258. The upright post is called सर्वा marthamh, or in Saran सिंद्य समा malik tham, the pegs e and f जूरी khunti, and the string y नावन nādhan, or in East Tirhut जाय lādh and South Bhagalpur के ledha. The string is generally made of straw. The upright post is fastened to the horizontal board, कतरी kutri, by a wedge, वर्षाको garkilli, which goes through the former and under the latter.
- 259. The horizontal board revolves round the main block of the machine; at the end of the board nearest the block is fastened a thick lump of wood called For phenta, or in Saran For phenta, which acts as a kind of washer between the end of the board and the block, and which also rests against the latter, revolving in a horizontal groove (called Hist māndar) cut in the latter's exterior surface. A bamboo strut

runs up from the inner portion of the horizontal board to meet the upright post, so as to strengthen the joint. It is called खरुचाडी kharchāli, or in North-East Tirhut खँड्-चारी khanrchāri, and in Gaya and Shahabad खँड्-चर khanrchar.

- 260. The arrangement for stirring up the oil-seeds.—This is called रवन्दी rewt, or in South Bhagalpur भरनाटी bharnāthi or प्रकानी utkani, and does not exist in the sugar-mill. It consists of a peg, खूँटी khūnti, standing up in the cavity amidst the oil-seeds, alongside the peste; to its top is fixed a horizontal pole or handle, the other end of which is fastened to the upright post, मरायस marthamh, by another peg, खूँटी khūnti. The whole therefore revolves with the pestle, the first peg moving amongst the seeds concentrically with it and stirring them up. At the same time the stirring is rendered more effective by the peg being perpendicular and the pestle on a slant.
- 261. The yoking apparatus.—The rope which is fastend to a peg in the end of the horizontal beam, passed round the hump of the bullock and back again to the beam, where it is tied into a hole, is called काइ। kārha, and the rope passing under the bullock's chest, joining the two traces thus made, is पटी peti. The canvas pad on the bullock's hump is काँची kāndhi, and the cloth or wicker basket by which he is blindfolded is टोकनी tokni or चोचा khola, or to the east चोचन्या khola. The rope from the bullock's neek up to the curved block or केंद्रा dhenka is पगन्या pagha, and the iron link fastened to this close to the bullock's neek is भीर कची bhaunr kali. The rope round his neek, connected to the पगन्या pagha by this link, is गरन्यानी gardawani, or in North-East Tirhut गरन्यानी gardāmi and in Champāran गरन्यानी gardāni, and that going through the bullock's nose is नाय nath. A bullock employed in an oil or sugar-cane press is called a नाया नेंद्रा विवास bail.
- 262. Miscellaneous.—The circle in which the bullocks move is called चौर paur or पौरी pauri, and in South Bhagalpur also भर bhar.
- 263. The pot into which the oil drops is called खरा chhana. As much oil-seed as can go into the press at one time is called बानी ghāni. The oil-cake which remains after the oil has been expressed is called खबी khalli, or in Saran खरी kharri, except the oil-cake of poppy seeds (पोचन्ता posta), which is called पीना खबी pīna khalli, or simply पीना pīna.
 - 264. To work the mill is पेर्ब or पेड्ब perab.

CHAPTER II.—APPLIANCES USED IN THE MANUFACTURE OF SUGAR.

A.-THE CANE-MILL

- 265. The cane-mill is known as कोल्ह kolh or कोल्ह kolhu throughout the province. Patent mills introduced by European firms are known as कह kal.
- 266. It is apprehended that the following description of a country sugar-mill will be of little else than antiquarian interest, for such mills are fast disappearing from Bihār, being superseded by the Englishmade iron crushing-mill made at Bihia. To such an extent has the use of country mills died out, that the writer found it impossible to find a single one in the sadr subdivision of the Patna district which was in a fit state for a photograph to be taken of it. They had all been broken up for firewood, only a few dismantled ones being available. For a general idea as to its appearance, the reader is referred to the illustrations of an oil-mill in the last chapter.
 - 267. The following are the principal points of difference:-
 - (1) The hollow in the block has perpendicular and not sloping sides, and it is hence cylindrical, and not conical, in shape.
 - (2) The sugar-mill has no रेवन्टी rewti.
 - (3) In a sugar-mill the pestle and its appurtenances are on a much larger scale. The নাৰ mohan is six or seven cubits long, while in an oil-mill it is soldom more than three and a half cubits, the rest in both cases being in proportion.
 - (4) The names of the parts differ.
- 268. The hollowed wooden block forming the bed of the mill.— This is generally known as and kolh or and kolhu. The cavity in this, in which the pieces of cane to be crushed are placed, is known north of the Ganges, to the west, as stakhān, or in Champāran at ghar; and to the east, and kund or and kūnr. In Shahabad it is known as the handa or statement hanrolua. In South Munger it is statement, and elsewhere south of the Ganges sur handha or sur handa. Round the edge, at the top of this, a rim of mud is sometimes placed to prevent the pieces of cane falling off. This is called utto pinr. An iron ring fastened round the block to strengthen it and prevent it from splitting is su ban, and in Tirhut also unt pattar, and in South Bhagalpur unterlimarro.
- 269. An iron ring is sometimes fixed under the block to prevent it being worn away by the crushing-pestle. This is generally सोरह्मार

morwār, with variants मोर्न्बाइ morwāh (North-East Tirhut), मुङ्ग्बार murvār (Shahabad and Patna), मुङ् mur (Gaya), मुरेरा murera or मुङ्ग्बारी murvāri in South Munger, and चन्न्बा chanva in Sāran. The पाचड़ or पाचर pāchar is a round piece of wood placed in the bottom of the cavity, and on which the crushing-pestle moves. रोड़ा or रोरा rora is used for the smaller wedges of wood placed in the cavity above this to help in crushing the juice. These are also called चेंदिया chandiya in Champāran and North-East Tirhut, and खोंच khonch to the east. In Sāran and Champāran रोन raun is a canal cut on the surface of the block through which any juice thrown up may flow back into the cavity. In North-West Tirhut this is called रेन rain, in North-East Tirhut राग्येन raspain, and in South-East Tirhut खाता khāta.

- 270. The drain for the juice cut in the bottom of the block is to the north नर्दोइ nardoh; also in Tirhut नरोइ naroh, in North-East Tirhut नरोइ narohi, and in South-East Tirhut रसेड़ raser; in South-West Shahabad it is गुजरबा qujurua, and in the rest of the district जोडा joha or रसदा rasha; in Patna it is रसदारा rasphāra or निरोद niroh; in Gaya it is होनी chhoni; in South Munger, चोना chona; and in South Bhagalpur, हरन्हों larlo.
- 271. The wooden spout through which the juice drops is पतःनारी patnāri. In the body of the block a channel is cut in which the block, फेंटा phenta, of the driving gear works. This is called घरन्रा gharra in Shahabad and माँदर māndar in Patna.
- 272. The horizontal board to which the bullocks are attached.— This is कतन्दी katri, with a variant, कानिद kātari or कानर kātar, in Shahabad, South-East Tirhut, and South Bhagalpur.
- 273. The upright beam or pestle which moves in the hollow of the mill and crushes the cane.—For this three names are current, viz. मोइन mohan (Tirhut, except the north-west, Champāran, Patna, and South Munger), with variants, महन mahan, in Gaya and North-West Tirhut, and मोइन monhan in Shahabad, ভाउ lāth (Tirhut and Champāran), and जाउ jāth (Tirhut and Shahabad). The last word is used in Sāran only in reference to the oil-mill, and not to the cane-mill.
- 274. The ball at the end of this beam, which fits with the hollow of the block, is मूंड mūnr, मूंडा mūnra, मूंडी mūnri. The notch above this is north of the Ganges and in Patna का क kānh or कन्या kandha. In North-West Tirhut it is दिन्या kanhiya, and in South-East Tirhut पद्मा panja. In Shahabad it is कान kān or ज्यान्य langra. In Gaya it is

मोरनन्यमा mohanthambha, and in South Munger देखा dhenka The upper end rounded off is चूर chūr or चुरिया churnya, or (in North-East Tirhut) मुद्द mūnr; and the curved block of wood joined to this is देखा dhenka or (in North Tirhut, Shahabad, and South Bhagalpur) देखार dhenkaa, and in Sāran देखार dhenkaha. This curved block of wood connects the pestle with the upright post which is fixed in the horizontal driving-board.

- 275. This upright post is north of the Ganges, to the west, उरन्या harsa or दिशा harisa, and to the east (and in South Bhagalpur) सनिक्यम maniktham or मानिक यम mānik tham. In Shahabad it is मनन्यम mankham, in Patna and Gaya खुटा khūnta or मरन्यम marthamh, and मानियम mānikham in South Munger. The pieces of wood which keep the beam of the driving gear in the channel at the base of the block are जीभा jibha or जिमिया jibhiya, or in Sāran the front one is called पटा phenta, and the back one कनेस kanail or (south of the Ganges) कर्यको kanheh, and in Sāran क्रेसी kanaili. In North-East Tirhut they are called जिनिया jibiya.
- 276. A rope of straw supporting the pestle by fastening it to the upright beam is north of the Ganges, to the west, नायन nādhan, in Champāran नघनना nadhna, in Tirhut नघान nadhān, but in East Tirhut चाच lādh. In Shahabad it is टंड्न्मा tanrna, in Gaya नाम वरन्ता nādh barta, in Patna नायन nādhan, in South Munger नाय nādh or वर्ष barah, and in South Bhagalpur सार्गी sārangi or स्थान ledhu.
- 277. The bamboo strut attached to the horizontal driving-hoard, and running up obliquely to meet the upright post, is called north of the Ganges खर्चांड़ी kharchānri, or south of it कमोरा kumoru (Shahabad), खंड्रचर khanchar (also in Shahabad), खंड्रचर kharchar or बराचानी kharchāli (Patna and Gaya), कुड ड्रिया kudun iya in South Munger, and खंरचारो khanchāro in South Bhagalpur. This is fustened to the driving-beam by a rope, called नारन nāran or नाचा nādha, or in East Tirhut चारन lāran.
- 278. The part of the horizontal beam on which the driver sits is कातरि kātari, कातर kātar, or कवन्दी katri as above.
- 279. The leather thong by which this horizontal beam is connected with the yoke is जाया nādha or (in Sāran) करेवी kanheli, (in Gaya) जाया बरन्ता nādha barta, and in Patna माँका mānjha. काइ kārh or (in North-East Tirhut and Shahabad) काइर karha is a rope which is tied to a peg in the end of the horizontal board, passed round the hump of the bullock and back again to the board, where it is tied into a hole;

and the rope passing under the bullock's chest, joining the two traces thus made, is पेटी peti.

- 280. Miscellaneous.—The circle in which the bullocks move has various names, viz. गोरापोर gorpaur (Sāran), पौदर paudar (Champāran and Shahabad), पौर paur or पौरी pauri elsewhere north of the Ganges, in Patna, Gaya, and South Bhagalpur, बड़ी bahi also in Patna, and बड़ाइसरा barhara in South Munger.
- 281. The receptacle for the cane before it is cut (generally a hole in the ground) is गेंड्यारी genriyāri generally, and गेंड्यार geriyār to the west. The receptacle for cane ready cut is टोनियारी toniyāri, with variants टोनियाटी toniyāthi (Sāran, Champāran, and South-West Tirhut), टोनियाची toniyāsı (North-West Tirhut), and टोन-बाद tonkhād (South Bhagalpur). In Shahabad it is called कॅगर-बार angarvār.
- 282. A wooden mallet is used for pressing the cane under the crusher. This is धापी thāpi; also in North-East Tirhut भिद्धिट milit.
- 283. The cane as it is crushed is stirred up by hand, and the man who does this is called सारावास morwāh or मीरावास monrwāh, or in South Bhagalpur धनावास ghanwāha. This man sometimes drives the bullocks also, and when he does so he is still called by this name.
- 284. The pot into which the juice drops is called generally कोरा khora or (in South-East Tirhut) खोर khor, other local names being नाइ nād (Shahabad) and कुष्टा kunda (Shahabad, West Tirhut, and Patna), or (generally) कहा chhanna. Over this is often placed a basket or earthen pot with the bottom pierced like a sieve. This is called generally कहा chhanna, त्राक्टा raschhanna, or केनो chheni. Local names for this are नरीही tarauri (Sāran and Champāran), किहा chhitta (also in East Tirhut), or किराविश्व chhirhira (Shahabad), and किया dahya (South Munger). An earthen vessel for holding the juice is in Gaya करेका hathaila.
- 285. From these vessels the juice is removed to the boiler in a pot called कराइ or कड़ाइ kurāh, or sometimes कराइ। karāhā.
- 286. The blocks on which the cane is cut are north of the Ganges and in Shahabad faggr nisuha, a variant being faggr nisua in South Bhagalpur. Other names are set theha (North-West Tirhut), uttan pariyetha (Gaya), gans kukuth (Patna), uttan parkath (South Bhagalpur), and states tonkatta or states tonkat in South-East Tirhut and Munger.
- 287. The hollow in the mill is in Bihār cleaned by hand while the crusher is turning: hence there is no apparatus in existence for raising the latter, as there is in Gorakhpur and Āzamgarh.

- 288. The basket from which the mill is fed is केंटी chainti north of the Ganges, with a variant, कोटी chhāti, in North-East Tirhut. In Shahabad it is बोड़ी ori (also in East Tirhut) or बेंची khainchi, and in South Bhagalpur बोड़िया oriya. In Patna it is बहा hatta, and in Gaya पश्चिम pathiya. The pieces of cane cut up ready for the mill are बेंडी genri to the west and optionally in East Tirhut, and टोकी toni in Patna, Gaya, and to the east. In South-West Shahabad they are बेंगारी angāri.
- 289. As much chopped cane as can go into the press at one time is बानी ghāni, and as much juice as can be boiled at one time नाव tāw. The latter is also खेपान khepān in South-East Tirhut, पाक pak in Patna, and रान rān or राष्ट्र rānh in South Munger and South Bhagalpur.
- 290. The cane after the juice is expressed is called बोर्बा khanga, with local variants बोस्बिंग khohiya (Patna, Gaya, and the east) and बोर्बा khoiha in South Bhagalpur. In Shahabad it is also चेक्क्स chephua.
- 291. To work the mill is चेर्ड or चेड्ड perab, and when soveral cultivators take it in turns, each turn is called भाँक bhānj, पारी pāri, or (Gaya) पखन्दी palti. When men work it turn by turn they are said to do it भाँका चिरे bhānja sire north of the Ganges, फेरा फारी phera phāri in Tirhut, and elsewhere पारा पारी pāra pāri. Sometimes a mill is owned by co-sharers, and then their taking it in turns is भेका-परिचा bhanjhariya, पश्चिकी sajhiyaiti, or (Tirhut) चड्डिसी sahthaiti, and also in North-East Tirhut चिक्चा sajhiya. In South Munger के a dhank is the working of a mill by cultivators for a week in turn, one after the other, till the turn of the first comes again.

292. The men engaged on the mill are as follows:-

(1) The man who cuts the standing cane.—This man is बाँग्डोबा angerāha to the west generally, गँड्-विद्या genruahiya in the north-west, पजन्यादा pajwāha and पगरवाद pagarwāh or पँगरवाद panyarwāh in Tirhut. In Shahabad he is also गँड्-बीका genruhhīla, or in the south-west of the district बोज्या chhokua; in Patna and Gaya he is केतरव्यार ketarpāra (from केनारी ketāri, sugar-cane), परनादर partāhar, or परनिवार parnihār, and in South Munger कन्तव्यारा katarpāra or पन्तव्यारा patarpāra. In South Bhagalpur he is द्वारकहा ghurkatta or क्वनिया kataniya.

In Sāran and Champāran these men do their work without wages in money, their pay being the leaves of the cane which they cut, which they take home and use for cattle fodder.

- 293. (2) The man who cuts the cane into lengths for the mill is কাৰু kānu in South Tirhut and Sāran. In Champāran he is মকলেৰাছ pakwāh, and to the west he is মাছিকালে genrikāta or জান্তৰাছ angarwāh. Elsewhere he is ইনিকাল tonkatta, with a variant, ইনিকাল tonikatta, in South-East Tirhut. In North-West Tirhut he is simply called মজুবা majūra, and in North-East Tirhut sometimes জন jān. In Sāran and Champāran the same person cuts the cane and boils the juice, hence his name.
- 294. (3) The driver of the mill is कतर्वाइ katarwāh, with variants कतर्वाइ katariwāh or कतर्वाइ। katarwāha, and in South Bhagalpur कतर्वाइ। katarbaha. In South-West Shahabad and in Tirhut he is called इंक-वा hankwa.
- 295. (4) The man who feeds the mill.—He is सॉर-वास monrwāh or सोर-वास morwāh generally. In Patna and Gaya he is धन-वासा ghanwāha or (in South Bhagalpur and South Munger) धन-वसा ghanbaha.
- 296. (5) The man who removes the crushed cane.—He is squix haluāi in North Tirhut; elsewhere this is done by the man who feeds.
- 297. The buildings.—The whole manufactory, including both cane-mill and boiling-house, is called कोल्ड्सार kolhuār, or in South-West Shahabad गोस्तर yolaur. In Patna, Gaya, and the east it is called कोस-सार kolsār.
- 298. The house in which the cane is cut into slips for the mill is called गॅडियार genriyār, or गॅडियारी genriyāri to the west and टोबियारी toniyari to the cast. Local varieties of this last are टोनियापी toniyāsi in North-West Tirhut and टोनियाद tonkhad in South Bhagalpur.
- 299. Folklore on the subject.—Near the place where the cane is cut into slips the men make a round idol of a deity called water and maker bir, or in Shahabad are all maker bir, and in North-East Tirhut are maker. He is said to have been originally a Dom, who once came to a sugar manufactory in the olden time and asked for juice, which the people refused to give to him. Thereupon he jumped into the boiler and was boiled to death. His spirit became deified, and is now worshipped by the workmen. The worship consists in pouring a little water on the

image when the cane is brought into the manufactory from the field, so that he may wash himself. Then five caues are put before him. They are then cut up and put first into the mill. The first juice that comes out is also poured over him, and then the rest may go into the boiler. In South Bhagalpur the deity worshipped is feetf bisvakarma.

B.-THE BOILING-HOUSE.

- 300. This is in Saran गुड़ीर guraur, and in Shahabal गोस्रीर yoluur, elsewhere it is simply कोल्ह्यार kolhuar or कोलन्सार kolsur as above.
- 301. The fireplace is चून्हा chūlha, or in South Munger नमन्द्र gamher. The hole through which the fire is fed with fuel is generally सुद्ध much or सुद्ध much, but in Patna and Gaya it is सोदन्दा mobble. The hole through which the fire is raked is चाँची sansi generally north of the Ganges, नगन्दा nangra in North-East Tirhut, स्गन्दा langra in Shahabad, and उपान udhān in South-East Tirhut. Elsewhere it has no special name. In Saran द्वान्द्रा langra is a receptacle for the juice when removed from the boiling-pan.
- 302. The outlet for smoke is धुचाँकस dhuankas north of the (langes and in Shahabad. In South-West Shahabad it is धुँभुका dhundhuku, in Gaya it is चिक्का hikka, in Patna चाँक hink, and नेंग-का nengru in South Bhagalpur and South Munger.
- 303. The stick used as a poker is खोरानी khorni, or in l'atna चोराना khorna. Local names are खोदीना khodauna (South-West Shahabad), खराना lahwār (Shahabad), and जेंगाना anchna (to the east). In Shahabad फरारी pharuhi, or in the west generally फरारी phahari, is a piece of wood used for raking out ashes. The man who stokes the fire is called जान kanu north of the Ganges and in South Bhagalpur and Shahabad. Local names are ध्रान्तिस्या dharkanaya (South-East Tirhut), चुलान्तीका chuljhonka (East Tirhut and Shahabad), द्वापार chulhancha (East Tirhut and Gaya), जेंगाचा anchuaha (l'atna), and जेंगाचा anchtāhar (South Munger).
- 304. The vessel in which the juice is collected before boiling is नाद nād or नादी nādi, or (in Gaya) चडी chatti, (North-East Tirlut) गगरी gagri or घेडा ghaila. Generally, however, it is kept in the चडा chhanna (see above), of which there may be several in use at one time.
- 305. The spoon for taking the juice out of the boiler is morth of the Ganges, to the west, कटची kathahi or कटच्युर-पी kathkhurpi, and to the east (also in Shahabad) चैक saik or चैका suika. Elsewhere south

of the Ganges it is सपाई saphai or सफेया saphaiya. In South-West Shahabad it is, however, इरिस्टा dohra, and in South Bhagalpurit is इपन्टी dapti or इस् dabbu.

- 306. The scraper to prevent the sugar resting on the bottom of the boiler is खुरन्पी khurpi generally. In Sāran and Champāran it is खुरन्पा khurpa, and in North-East Tirhut कटन्सुरन्पी kathkhurpi, the meaning of which here is different from that in Sāran, Champāran, and West Tirhut. In Patna it is पेंड्न्नी perni, and ख्यन्टन daptan in South Bhagalpur.
- 307. The iron ladle used as a skimmer पोना is pauna, or (North Tirhut) मेखन्द्रम mailchhanna, (South-West Shahabad and South Bhagalpur) धापी thāpi (also made of wood), and भें भन्दा jhanjhra in Patna, Gaya, and South Munger. Sometimes it is not necessarily of iron, and then it is खुरूपा khurpa in South-West Shahabad, इया hatha or द्या hattha (of earthenware) in Patna, Gaya, and South Munger, and हमीटा chhanauta in Sāran and South Bhagalpur.
- 308. The boiling-pan is called कराड, कड़ाड karāh or कराडी karāhi. The earthen vessel used for removing the cooked juice from the boiler is north of the Ganges चैक sauk or चका saika, and in Shahabad it is पॅगोरा panyaura; in Sāran it is पॅगेड़ा paunra. The pot in which the boiled syrup is placed is called महकी matuki south of the Ganges, also (South-West Shahabad) चोड़ी ori, (Gaya) नद्वा nadwa, खोरा khora in the South-East, and कड़ी kunri in South Bhagalpur.
- 309. नाद nād is a hole in the ground dug for receiving the coarse sugar. North of the Ganges it is also पींड़ा paunrha or पींड़ो paunrhi. The sugar is collected and thrown into this with a bamboo fitted at one end with a roller, which is called स्राप्त gurdam or (in South-West Shahabad) स्राप्त gurdan. In Tirhut it is also called द्वाकन dabkan, and in South-East Tirhut सपर sapaī.
- 310. In North-East Tirhut भाट māt or कोटी kothi is the large vessel in which the juice is finally coagulated. These are in Tirhut गुरूपीर gurpaur, and in Champāran (made of sun-baked earth) चेंदरी dehri.
- 311. THE $r\bar{a}b$ is undrained raw sugar, and $q \in g\bar{u}r$ is $r\bar{a}b$ boiled down for a longer time. Further particulars concerning these and the other products will be found in the chapter relating to sugar-cane (§§ 1014, 1015).

C-THE SUGAR REFINERY.

- 312. A sugar refinery is known as चीनी के करन्दाना chini ke kar-khāna or चीनी के गोदाम chīni ke godām. South of the Ganges fle word खँड्न्सार khanrsār or खँड्न्सारी khanrsāri is also used. The house in which the sugar is refined is called चूल्हा के घर chūlhu ke ghar or कराइ के घर karāh ke ghar. In South Bhagalpur it is भइर hhattha.
- 313. In making coarse sugar (कॉची चीकी kānchi chīni), a vat, a drain, a reservoir, and a treading-floor are used.
- 314. The vat is in Shahabad सोद haud or सोदी haudi, in Gaya सहस्यहा chahbachcha, in Patna खँड्न्यरना khanrgarna, and in South Bhagalpur गुरुखो gurhandi. North of the Ganges and in Gaya it is बाद nād or नाँद nānd.
- 315. The drain is काली nāli or नारी nāri, or in South Bhagalpur करूपा karha. In Sāran it is also called बाता khāta.
- 316. The reservoir is north of the Ganges, and optionally in Shahabad, are nad or are nand. In Shahabad it is what dollar, in Patna ale hand or area charua, and elsewhere south of the Ganges areas chahbachcha.
- 317. The treading-floor is पद्म patta north of the Ganges. South of it, it is in Shahabad पाटा pata, in Patna and Claya प्रवन्तर chabutra, and to the east पद्मी chatti.
- 318. In making regular sugar or सकर sakkar, the drain and the reservoir are used as before. The bundles (सोटारी motri, or in l'atna नारानी nārgi, in Gaya येवा thaiya, and in South Bhagalpur नाम yāja) of sugar are tied up in cloths [जोवा lotha or (in l'atna and (laya) कान्या chhalna], placed on a bamboo framework and pressed with weights of stone or sun-dried clay. The framework is called north of the Ganges बॉच khānch or बॉचा khāncha, or (in Champāran and East Tirhut) केटा chhainta. In Shahabad it is उटारी thatri or ट्रिकाटी tikthi, in Patna and Gaya ट्रेकाटी tekthi, and in South Bhagalpur विचारी chānchri. The weights are बॉचा chāmpa, or, when made of stone, प्रकृतिकारी, or in Sāran वापी thāpi.
 - 319. The following utensils are used in the boiling-house:-
 - (a) An iron boiler, कराच karāh, कराचा karāha, or कराची kurāhi.

 When an earthen boiler is used, it is called चपःद्रा khapra or खपःद्री khapri, or in South-West Shahabad and East Tirhut चवरो athri.

- (b) An iron ladle for removing the scum. This is कनौरा chhanauta or पौना pauna, also in Patna and Gaya भंभाना jhanjhra.
- (c) An earthen pot with holes in it, used as a filter, भाद nād or नाँद nānd. In South-West Shahabad it is उँडियास नाइ thenthiwāl nād.
- (d) A filter of river grass, known as सँवार semwar or स्वार sewar, or in North-East Tirhut समार semar.
- (e) A scraper for removing the layer of clean sugar. When made of shell it is called ভিত্তৰা situa, or in South-West Shahabad ভিত্তৰা situha or ভাৱতা sutuha. A curved knife used for the same purpose is ভিত্তাত sihorni in Sāran and Champāran, উত্তাত schorna in Shahabad, and ভাততেলা sohurna in North-East Tirhut.
- (f) The filtering-basket for cleaning the same is खाँचा khāncha or खाँची khānchi. In Gaya it is डखन्दा dalwa, and in the east also डेखी deli.
- (g) The wooden or iron ladle for cooling the boiling syrup is north of the Ganges नांसिया tāmiya or (in Sārān and North-East Tirhut) निया tamiya. South of the Ganges it is उस् dubbu, (in Shahabad) गुरन्दन gurdan, or in South Bhagalpur भेंभन्दर jhanjhra.
- (h) The iron stirring ladle used for taking syrup from the boiler and larger than the last is नामा tāma north of the Ganges; in Shahabad it is खुर-चनी khurchani or डोस्टरा dohra; in Patna and Gaya it is चोडानी chholni; and in South Bhagalpur चोडाना dohla.
- (i) The earthenware jug for pouring the syrup into the boiler is चेका saika, also इता hattha in Patna and Gaya, and पंचनी panchni in South Bhagalpur. A larger jug of the same kind is निमन्दा nimra north of the Ganges, and निमन्दा nibra or परन्दा parchha south of it; also नीचा taula in the east.
- (j) The wooden supports of the filter are north of the Ganges सामा khāta, or खूँदा बचा khūnta balla south of the Ganges. They are in Shahabad सिही sirhi (also in South Munger) or निरम्पाद tirpāi, and टेपाद tepāi in South Bhagalpur. In Patna and Gaya they are made of earth or brick, and are called गोड़ी gori.

- 328. The following are among the implements used in indigo agriculture:—
 - (1) The घरम जमी dharm laggi, a wheel for measuring land, each revolution of which covers one जमी laggi.
 - (2) The serve kudar or serie kudari, a mattock for digging.
 - (3) The st har or plough, which is of two kinds—
 - (a) विचापनी bilāëti, or English plough.
 - (b) देशी desi or कडोर kathaur, the country plough.
 - (4) टाँड़ी tānri, the drill plough.
 - (5) काए। kanta or खखोरनी khakhorni, the rake or harrow.
 - (6) खुरन्पी khurpi, the spud for weeding.
 - (7) THE hansu or THEN hansua, the sickle for cutting the plant.

CHAPTER IV.-THE SPINNING-WHEEL.

- 329. The following diary shows the process of spinning thread and making cloth in the subdivision of Madhubani, in North-East Tirhut, in the year 1879:—
 - On the 20th September the writer bought 24 sers of cotton, being a day's plucking on a sunny day from about a higher and a half of cotton field. The cotton and half of cotton field. The cotton and half of the various names and varieties) was of the kind called anaily kokti, which ripens in the month of Bhadon (August-September). It was pulled out of the husks from the tree.
 - 20th—26th September.—During this time the cotton has been drying in the sun, and now (26th) two old women are employed to clean it, picking out the dirty and immature cotton, called acres karkut. This is principally composed of seeds which have come to nothing and been worm-eaten. This cleaning is done by hand. It lasted to the 30th September.
 - Ist October.—Commenced to separate the seeds, बँगीर hangaur, from the बॉगा bānga. This is done by a machine called etail charkhi, which consists of two rollers, about an inch thick, of hard wood tightly wedged one above the

of the Ganges it is सफदं saphaī or सफैया saphaiya. In South-West Shahabad it is, however, डोस्टरा dohra, and in South Bhagalpurit is डपन्टी dapti or डब्ब् dabbu.

- 306. The scraper to prevent the sugar resting on the bottom of the boiler is खरन्पी khurpi generally. In Sāran and Champāran it is खरन्पा khurpa, and in North-East Tirhut कटन्खरन्पी kathkhurpi, the meaning of which here is different from that in Sāran, Champāran, and West Tirhut. In Patna it is पेंड्रनी perni, and उपन्टन daptan in South Bhagalpur.
- 307. The iron ladle used as a skimmer पौना is pauna, or (North Tirhut) मेखा क्या mailchhanna, (South-West Shahabad and South Bhagalpur) धापी thāpi (also made of wood), and भेंभारा jhanjhra in Patna, Gaya, and South Munger. Sometimes it is not necessarily of iron, and then it is खुरापा khurpa in South-West Shahabad, प्या hatha or द्या hattha (of earthenware) in Patna, Gaya, and South Munger, and हमीटा chhanauta in Sāran and South Bhagalpur.
- 308. The boiling-pan is called कराइ, कड़ाइ karāh or कराइ karāhi. The carthen vessel used for removing the cooked juice from the boiler is north of the Ganges चैक saik or चका saika, and in Shahabad it is पँगोरा pangaura; in Sāran it is पँगेड़ा paunra. The pot in which the boiled syrup is placed is called महकी matuki south of the Ganges, also (South-West Shahabad) चोड़ी ori, (Gaya) नदन्य nadwa, खोरा khora in the South-East, and कड़ी kunri in South Bhagalpur.
- 309. नाद nād is a hole in the ground dug for receiving the coarse sugar. North of the Ganges it is also पेंद्रा paunrha or पेंद्री paunrhi. The sugar is collected and thrown into this with a bamboo fitted at one end with a roller, which is called पुरन्दम gurdam or (in South-West Shahabad) पुरन्दम gurdan. In Tirhut it is also called द्वन्सम dabkan, and in South-East Tirhut अपर् sapaī.
- 310. In North-East Tirhut माट māt or कोटी kothi is the large vessel in which the juice is finally congulated. These are in Tirhut गुरन्पीर gurpaur, and in Champāran (made of sun-baked earth) चेंचन्सी dehri.
- 311. The $r\bar{a}b$ is undrained raw sugar, and $q \tau g\bar{u}r$ is $r\bar{a}b$ boiled down for a longer time. Further particulars concerning these and the other products will be found in the chapter relating to sugar-cane (§§ 1014, 1015).

C-THE SUGAR REFINERY.

- 312. A sugar refinery is known as चीनी के करन्दाना chini ke kar-khāna or चीनी के गोदाम chāni ke godām. South of the Ganges the word खँड्न्सार khanrsār or खँड्न्सारी khanrsāri is also used. The house in which the sugar is refined is called चून्हा के घर chūlha ke ghar or कराइ के घर karāh ke ghar. In South Bhagalpur it is महा bhatthu.
- 313. In making coarse sugar (काँची चीनी kānchi chīni), a vat, a drain, a reservoir, and a treading-floor are used.
- 314. The vat is in Shahabad चौद haud or चौदी haudi, in Gaya चन्डन्या chahbachcha, in Patna खँड्न्यरन्या khanrgarna, and in South Bhagalpur गुरन्द्वी gurhandi. North of the Ganges and in Gaya it is माद nād or चौद nānd.
- 315. The drain is बासी nāli or नारी nān, or in South Bhagalpur करन्दा karha. In Sāran it is also called खाता khāta.
- 316. The reservoir is north of the Ganges, and optionally in Shahabad, नाद nād or नाँद nānd. In Shahabad it is डोभा dobhu, in l'atna होद haud or चदचा charua, and elsewhere south of the Ganges चदनका chahbachcha.
- 317. The treading-floor is पত্তা patta north of the Ganges. South of it, it is in Shahabad पাতা pāta, in Patna and Gaya ঘৰননা chabutra, and to the east ঘটা chatţi.
- 318. In making regular sugar or सकर sakkar, the drain and the reservoir are used as before. The bundles (मोटनी motri, or in l'atna नारनी nārgi, in Gaya चेंचा thaiya, and in South Bhagalpur नाउन प्रदेशि of sugar are tied up in cloths [जोचा lotha or (in Patna and (inya) स्कान्म chhalna], placed on a bamboo framework and pressed with weights of stone or sun-dried clay. The framework is called north of the Ganges जॉच khānch or जॉचा khāncha, or (in Champāran and East Tirhut) केंटा chhainta. In Shahabad it is उटानी thatri or दिकानी tikthi, in Patna and Gaya टेकानी tekthi, and in South Bhagalpur विकार chānchri. The weights are चाँचा chāmpa, or, when made of stone, प्राकृतिकारी, or in Sāran चांची thāpi.
 - 319. The following utensils are used in the boiling-house:-
 - (a) An iron boiler, कराइ karāh, कराइन karāha, or कराइन karāhi.

 When an earthen boiler is used, it is called द्यार्ग khapra or खपन्द्री khapri, or in South-West Shahabad and East Tirhut खबरी athri.

- (b) An iron ladle for removing the scum. This is क्नीटा chhanauta or पौना pauna, also in Patna and Gaya फॅफनरा jhanjhra.
- (c) An earthen pot with holes in it, used as a filter, जाद nād or नाँद nānd. In South-West Shahabad it is ठेंडियास नाद thenthiwāt nād.
- (d) A filter of river grass, known as चैंवार semwār or चेंबार sewār, or in North-East Tirhut चेंबार semār.
- (e) A scraper for removing the layer of clean sugar. When made of shell it is called ভিনুখা situa, or in South-West Shahabad ভিনুখা situha or মুনুখা sutuha. A curved knife used for the same purpose is ভিছাবেলী sihorni in Sāran and Champāran, ভ্ৰাবেলা sehorna in Shahabad, and ভাষবেলা sohurna in North-East Tirhut.
- (f) The filtering-basket for cleaning the same is खाँचा khāncha or खाँची khānchi. In Gaya it is उज्जन्म dalwa, and in the east also डेजी deli.
- (g) The wooden or iron ladle for cooling the boiling syrup is north of the Ganges नांनिया tāmiya or (in Sārān and North-East Tirhut) निया tamiya. South of the Ganges it is ह्यू dabbu, (in Shahabad) गुरन्दन gurdan, or in South Bhagalpur भाभन्दा jhanjhra.
- (h) The iron stirring ladle used for taking syrup from the boiler and larger than the last is नामा tāma north of the Ganges; in Shahabad it is खुरन्यनी khurchani or डोस्ट्रा dohra; in Patna and Gaya it is कोसनी chholni; and in South Bhagalpur डोस्ट्रा dohla.
- (i) The earthenware jug for pouring the syrup into the boiler is चेका saika, also इता hattha in Patna and Gaya, and पंचनी panchni in South Bhagalpur. A larger jug of the same kind is निमन्डा nimra north of the Ganges, and निमन्डा nibra or परन्डा parchha south of it; also मीका taula in the east.
- (j) The wooden supports of the filter are north of the Ganges আনা khāta, or ফুঁহা ৰয়া khūnta balla south of the Ganges. They are in Shahabad খিছী sirhi (also in South Munger) or নিৰ্বাহ tirpāi, and ইবাহ tepāi in South Bhagalpur. In Patna and Gaya they are made of earth or brick, and are called বাহা gori.

- (k) The shovel for stoking the fire is फ्रांची pharuhi or फ्रांचा phahura in Sāran and Champāran, and फ्रांचा pharuha or फ्रांचारी kodāri in East Tirhut. In Shahabad it is खड़न्मा khorma, or in the south-west of the district फ्रांचा pharsa. In Gaya it is फ्रांची karhni, in Patna प्रान्कहन्ना aykarhna, and in the east फ्रांच्या karchhul.
- (1) The ladle for stirring the hot syrup in the cooling pan is तिसवाँ tamiyān north of the Ganges and तिवया tambiya in Shahabad. In South-West Shahabad it is द्वा dabhu, in Patna and Gaya चटःबा ghatna, and in the east also दावा dāba.
- (m) The piece of matting or cloth in which the sugar is dried in the sun is খাৰ pāl, also in South-West Shahahad খাষা pāta, in Gaya হজা tappar, in Patna হাৰ tāt, and in South Bhagalpur ৰহী chatti.
- (n) The flat wooden pans for cooling the syrup are कटौना kathauta or कटौनी kathauti, also in the cast कटौन kathaut, and in Saran कटन्यस kathwat. In Saran and Champaran they are नाद nād or चोचौनी osauni.
- (o) The vessel into which the juice drops as it is filtered is परका parchha or (North-East Tirhut and Shahabad) नोसा taula.

CHAPTER III.—APPLIANCES USED IN THE MANUFACTURE OF INDIGO.

- 320. Indigo manufacture is confined almost entirely to North-Gangetic Bihār.*
- 321. The indigo beating-vat is सहाद के होज (or होद) mahai ke hauj (or haud), and also in North-East Tirhut सहित्या होद mahaniya haud. The water reservoir is बजाना khajāna. The upper or steeping-vat is बोधाद के होद bojhāi ke haud, or in East Tirhut बोधानिया होद bojhaniya haud. The rake for agitating the fermented liquor is एकरी phahuri in Sāran and फरहा pharuha elsewhere. In North-East Tirhut it is also फरहा pharma.

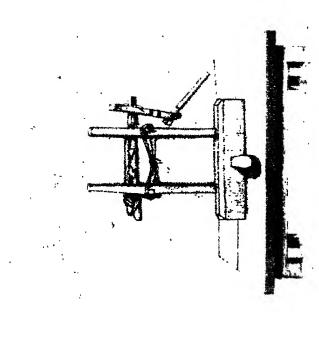
^{*} The author is indebted to W. B. Hudson, Esq., for much of the information contained in this chapter. The system of manufacture described is the old style, now only used by natives. In European factories the use of steam power has made considerable changes.

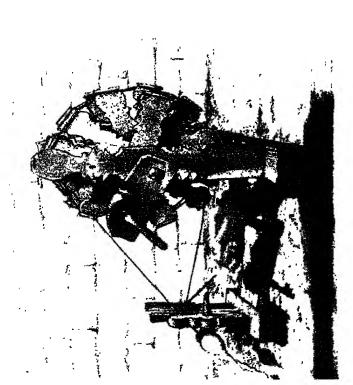
- 322. The beams of wood for pressing the plant are द्वीटा dabauta in Sāran and Champāran, सरकतीर sahtir in Tirhut and Sāran, दाव dāb or घरन dharan in North-East Tirhut, and बीम bām in South-East Tirhut. These are supported on projections in the walls of the vat, called मञ्जो majusi, or in Champāran नान tān. In East Tirhut they are called चिर्णादा sirpāha. Under these pressing-beams are placed, बचा ballal, or in Sāran केंद्र kainch, which are bamboos laid immediately on the top of the plant.
- 323. The चौदन्दी haudri (Sāran and South Tirhut) or माल कड़ी māl jhari (Champāran and North Tirhut) is the small reservoir where the indigo juice collects to be taken to the boiler. The drain is नाली nāli or नारी nāri, or in Sāran मोरी mori, and the चेकन chhekan is the door by which it is closed. The strainer is च्या chhanna, or in South-West Tirhut चहर chaddar.
- 324. The boiling-room is कराइ घर karāh ghar. The मेज mej is the wooden or masonry straining table in which the indigo is put after being boiled. This is the name in Sāran, Champāran, and West Tirhut; to the east it is बाजू मेज bāhu mej or (in South-East Tirhut) माज मेज māh mej.
- 325. The पौरिच pīrich or पौरिस pīris is a corruption of the English word "press," in which the boiled liquor is placed in a cloth and the water pressed out. In Sāran डाडा dāla, and elsewhere च्छाना chalna, are the perforated boards placed above and below the indigo in the press. The screw of the press is पंच pench. The square boss or nut on it is दिवारी dhibri. The मोरानी morni is the spanner or apparatus for turning the screw. In South-East Tirhut it is also ममोरानी mamorni or पंचानम pechkas. The large wooden beam through which the screw passes is देशा theha in Sāran, and elsewhere द्वीटा dabauta or दाव dāb; when it is made of iron it is called in South Tirhut बॉक bānk. The कुटाका kutka are small pieces of wood placed below and above the डाइस dāla or चलाना chalna.
- 326. The machine for cutting cakes is with the wires with which they are cut are $t\bar{a}r$.
- 327. The cakes of indigo are गोटी goti, and they are dried in a drying-house, गोटी घर yoti ghar, on shelves, called in East Tirhut मचान machān, and elsewhere चानी chāli.

- 328. The following are among the implements used in indigo agriculture:—
 - (1) The घरम जमी dharm laggi, a wheel for measuring land, each revolution of which covers one जमी laggi.
 - (2) The serve kudār or serve kudāri, a mattock for digging.
 - (3) The st har or plough, which is of two kinds-
 - (a) विज्ञापनी bilāėti, or English plough.
 - (b) देशी desi or कड़ीर kathaur, the country plough.
 - (4) टाँड़ी tānri, the drill plough.
 - (5) कार्य kanta or खखोरनी khakhorni, the rake or harrow.
 - (6) खुरन्पी khurpi, the spud for weeding.
 - (7) THE hansu or Than hansua, the sickle for cutting the plant.

CHAPTER IV.—THE SPINNING-WHEEL.

- 329. The following diary shows the process of spinning thread and making cloth in the subdivision of Madhubani, in North-East Tirhut, in the year 1879:—
 - On the 20th September the writer bought 24 sers of cotton, being a day's plucking on a sunny day from about a higher and a half of cotton field. The cotton and half of cotton field. The cotton and half of the various names and varieties) was of the kind called anarch kokti, which ripens in the month of Bhadon (August-September). It was pulled out of the husks from the tree.
 - 20th—26th September.—During this time the cotton has been drying in the sun, and now (26th) two old women are employed to clean it, picking out the dirty and immature cotton, called accept karkut. This is principally composed of seeds which have come to nothing and been worm-eaten. This cleaning is done by hand. It lasted to the 30th September.
 - Ist October.—Commenced to separate the seeds, बँगीर bangaur, from the बॉगा bānga. This is done by a machine called charkhi, which consists of two rollers, about an inch thick, of hard wood tightly wedged one above the

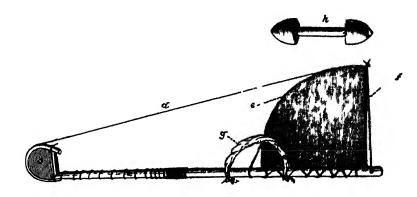




other; both rollers are supported in uprights, the ends passing through. At one end the lower roller is turned by a handle, and has at the other end, where it projects from the upright, a screw cut in it. The same end of the upper screw has a reversed screw cut in it, and these two screws fitting into each other act like cog-wheels; but when the lower roller is turned, the upper roller turns in the direction reverse to that of the lower one, so that they act as a pair of feeders tightly wedged together. The stand bānga or uncleaned cotton is then applied to the feeding side of the two rollers, and on the handle being turned the cotton is pulled forcibly through by their revolution, while the seeds remain behind and fall down to the ground.

- 330. The two upright standards are called खूँटा khūnta, and each of the rollers जाडि jāth, or in Sāran चँड़ारी sanrāri. Underneath the rollers is a cross-bar, called कल hal, joining the two uprights and holding the machine together. The खूँटी khūnti is a wedge going through each upright from front to back, under the cross-bar and holding it and the roller in their places.
- 331. The पचरी pachii are the wedges running sideways through each upright and tightening the two rollers together. The crank which turns the lower roller is called सकरी makii, and it is held to it by the किसी killi or linch-pin. The handle at the other end of the crank, which is held in the hand, and by which the machine is turned, is called खागनि lägani, or in Sāran चलीनी chalanni and in Gaya च्योरी hathawi.
- 332. The base of the machine in which the uprights rest si called पीड़ा pīn ha, or to the west पिडिया pin hiya, and out of this projects behind, along the ground, the समस्या manhwa, on which the foot of the operator is placed to keep the machine steady.
- 333. The cotton, when cleaned from the seeds by this machine, is called $\nabla v \bar{u}$, $\nabla \bar{v} v \bar{u}v$, or $\nabla v \bar{u}v$,—the last by women of the upper Hindu castes, and the two first by Musalmāns and low-caste Hindus. $\nabla \bar{v}\bar{u}u$ is used in Shahabad.
- 334. The above lasted three days. It was then again cleaned (सूजव tūnab, सूजव tūnnab, or (in Shahabad) सूजव tūnnab, to clean), the few remaining pieces of husk, &c., being picked out by hand.

- 21st October.—The cotton was to-day put out in the sun preparatory to being carded (जूनव dhānab, to card).
- 22nd October.—To-day two cotton-carders (धुनिया dhuniya) came to card the cotton. Each brought with him a machine, called a धुनन्ती dhunki, or to the west धरुषी dhunuhi. In Gaya it is धुनेटी dhuncthi, in South Munger and South-East Tirhut धुनेट dhunuth, and in South Bhagalpur धुनन्दर dhunhath.
- 335. It is composed of the following parts:-

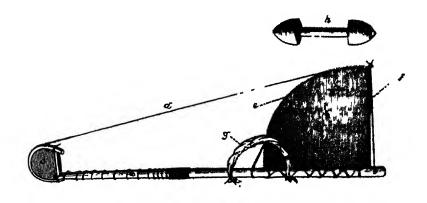


- (a) The flexible piece of wood acting as a bow, called war dants or war dants to the east and with dants to the west.
- (b) A broad wooden board, called with pharcha in North-East Tirhut. In South-West Tirhut it is with pharauta, in South Bhagalpur west pharuha, and elsewhere as with pharha.
- (c) The bridge over which the string is passed, साँगी mange. In Shahabad and also optionally in East Tirhut it is साधा mātha, in South Bhagalpur सबन्दा mathica, and in South Munger सग्नदारी magwāsi.
- (d) A leather string, called বাঁৰ tant. In Patna and Gaya it is also called বাঁৰা roda.
- (e) A leather strip acting as a sounding board, lying along the round edge of the uter phareha, on which the string rebounds, called yet puchhet or yet puchheta generally,

other; both rollers are supported in uprights, the ends passing through. At one end the lower roller is turned by a handle, and has at the other end, where it projects from the upright, a screw cut in it. The same end of the upper screw has a reversed screw cut in it, and these two screws fitting into each other act like cog-wheels; but when the lower roller is turned, the upper roller turns in the direction reverse to that of the lower one, so that they act as a pair of feeders tightly wedged together. The stand bānga or uncleaned cotton is then applied to the feeding side of the two rollers, and on the handle being turned the cotton is pulled forcibly through by their revolution, while the seeds remain behind and fall down to the ground.

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- 331. The पचनी packri are the wedges running sideways through each upright and tightening the two rollers together. The crank which turns the lower roller is called सकरी makri, and it is held to it by the किसी killi or linch-pin. The handle at the other end of the crank, which is held in the hand, and by which the machine is turned, is called सागनि lāgani, or in Sāran चलीनी chalauni and in Gaya चरीरी hathauri.
- 332. The base of the machine in which the uprights rest si called पीड़ा pīrha, or to the west पिडिया pirhaa, and out of this projects behind, along the ground, the सकावा majhwa, on which the foot of the operator is placed to keep the machine steady.
- 333. The cotton, when cleaned from the seeds by this machine, is called $\nabla r\tilde{u}$, $\nabla \tilde{x}$ $r\tilde{u}i$, or $\nabla t\tilde{u}r$,—the last by women of the upper Hindu castes, and the two first by Musalmans and low-caste Hindus. $\nabla \tilde{u}$ is used in Shahabad.
- 334. The above lasted three days. It was then again cleaned (त्वा tūnab, त्वा tūnab, or (in Shahabad) त्वा tūnab, to clean), the few remaining pieces of husk, &c., being picked out by hand.

- 21st October.—The cotton was to-day put out in the sun preparatory to being carded (भूतन alkānab, to card).
- 22nd October.—To-day two cotton-carders (धुनिया dhungu) came to card the cotton. Each brought with him a machine, called a धुनन्ती dhunki, or to the west धरुषी dhunuhi. In Gaya it is धुनेटी dhunethi, in South Munger and South-East Tirhut धुनेट dhunuth, and in South Bhagalpur धुनन्दर dhunuth,
- 335. It is composed of the following parts:-



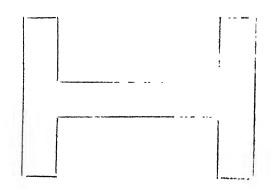
- (a) The flexible piece of wood acting as a bow, called was dunti or wast danta to the east and wish danri to the west.
- (b) A broad wooden board, called with pharcha in North-East Tirbut. In South-West Tirbut it is with pharaula, in South Bhagalpur west pharuha, and elsewhere as west pharha.
- (c) The bridge over which the string is passed, साँगी māngi. In Shahabad and also optionally in East Tirhut it is साया mātha, in South Bhagalpur सबन्दा mathuu, and in South Munger सगन्दाची magnoāsi.
- (d) A leather string, called বাঁৰ tānt. In Patna and Gaya it is also called বাঁৰা rodu.
- (e) A leather strip acting as a sounding board, lying along the round edge of the with pharcha, on which the string rebounds, called yet puchhet or year puchheta generally,

A Cotton-carder (Dhuniya) at Work

- पक्षीटा pachhauta in Tirhut, and काँकर hānhar in Sāran and Champāran. In North-East Tirhut it is पुरुष्टिंख pushtari, and an optional name in Shahabad is पुक्षीटा puchhauta.
- (f) A stout leather string along the outer side of the দুইছা pharcha, to one end of which the নান tānt is attached, while the other end is fastened to the ভালে danti. It is used to tighten the নান tānt, and is called ঘিনভী ghirchi or ঘুনভৌ ghurchi. When pegs are used for tightening this, they are called ৰীবী bīri or ৰিবিষা biriya.
- (g) The ছয়-ছং hathhar, ছয়-নং hathgar, or ছয়-কং hathkar, is a loop of string under which the left hand is passed to hold the machine steady. The above is the name current in North-East Tirhut. South of the Ganges it is also called ছয়-কং hathkar, with variants ছয়-কং hathkar or ছয়-কং hathkar in Shahabad. In North-West Tirhut it is ছয়-ংবা hathra, in South-West Tirhut and Sāran ছয়া hathā, and in Sāran and Champāran ছার-বাবা muthwāra.
- (h) The mallet for twanging the bow, of wood, shaped like a dumb-bell. It is held in the right hand, and the নান tānt is struck and twanged with it. It is called জিলা jistu, and also (in Tirhut and South Bhagalpur) হিলা dista. In Patna it is called হলা dasta, and in South Munger হিলা dista.
- 336. In using this instrument it is held by the left hand under the दशका hathkar, which passes over the wrist, and the नाँत tānt twanged in the midst of the cotton by the जिला jista, which is held in the right hand. This process loosens the texture of the cotton, and causes all the dust and dirt to fly out of it. The चुनकी thunks is not allowed to rest on the ground, but is supported in the air by the दशका hathkar passing over the wrist, and it springs up and down as the नाँत tānt is twanged.
- 337. The whole pile of cleaned cotton was called बारी gothi. While this was going on, two old women were called in to make little hollow rolls of cotton to be made into thread. They are called to the east पीनी pīni, and to the west पिछनी piuni or पेवन्नी peuni. A local name in East Tirhut is पीर pīr. These are about four inches long and a quarter of an inch thick. A lump of clean cotton, the size of a walnut, is put round a thin skewer, called पिइन्पर purhsari, and is then rolled on a board, called पिइन pirhiya, with the palm of the hand. These are then tied up in bundles of about ten each, called मुद्दी mutthi.

- 338. These पीनी pīni are now ready for being made into thread in the spinning-wheel.
- 339. The spinning-wheel is चरन्या charkha, but in South-West Shahabad it is रहाटा rahta, and in the south-east जरन्या jarkha.
 - 340. Its parts are as follows:-

The foundation.—This is in the shape of a double letter T: thus—



- 341. On one of the cross-pieces the driving-wheel stands, and on the other the spinning apparatus. This foundation is called पीदा pirha or पिड्या pirhiya to the east, and पिड्ये pirha to the west. The connecting bar between the two cross-pieces is में आ manjhua or साँका mānjha, in Patna and Gaya it is समस्वीरा latkhora, and in South Bhagalpur मनकार manjhā.
- 342. The driving-wheel.—The supports of the driving-wheel are called get khūnta. The wheel itself is composed of two parts,—
 - (a) The central boss or nave, and
 - (b) The four spokes on each side of the nave.
- 343. The nave is called मंदी mūnri or सूनी mūri south of the Ganges, and मंदी mūnri or मुंदिश munriya north of it; in East Tirhut it is also नामा tāma, and in South Bhagalpur and South Munger पंजा paila. It is about 5 inches long and 4 inches thick.
- 344. There are four spokes lying across each end of the nave from one circumference to the other; there are therefore eight radii on each side, and they are so arranged that the radii on each side are not opposite each other, but alternate. Each of these cross spokes is called and putti or and puti, or in South-West Shahabad and kamri; sometimes they are also called at khūnta or at khūnti.

345. These spokes are held in their places by a string, called अवास awāl to the west, अवास amwāl in Patna and Gaya, and अमास amāl or अमास amālh to the east. In South Munger it is अन्दास amhāl. This string goes round the extremities of each radius of each side alternately: thus—



It forms therefore a kind of edge or rim of a broad wheel, something like a paddle-wheel, and over it passes the driving-band which turns the spinning apparatus. This paddle-wheel is about a foot in diameter and five inches thick.

- 346. The central axle of the driving-wheel is called जाउ lāth generally north of the Ganges and in South Bhagalpur. In Tirhut it is called जाउ jāth, and in North-East Tirhut also जाइट lāth or जाइट jāth. South of the Ganges it is generally बेजना belna. It is caused to revolve by a crank end called मकरी makri, or in Shahabad and West Tirhut नाक nāk. It is दाही dārhi or दिख्या darhiya elsewhere south of the Ganges, except South Bhagalpur, where it is again मकरी makri. To this is attached a handle, called to the west and in Gaya चर्णीना chalauna, and to the east जरना larna or जारिन lārani In South-West Shahabad it is called भौती bhaunti or भाषत bhāmwat, and in Sāran optionally चर्णीनी chalauni.
- 347. The driving-band is called माख māl or मास्ह mālh. It is rubbed with rosin (यूमन dhūman) and oil (तेस tel), and is then blackened with charcoal (कोप्रसा koela). The driving-band goes twice round the driving-wheel and the spinning-axle, once passing through the मसक्तारी malkāthi (vide post), and once not.
- 348. The spinning apparatus.—We now come to the spinning apparatus. There are three perpendicular uprights. The two outside ones are called खंडी khūnti, and the middle one is called सक्ताडी malkāthi. In Patna these three uprights are called together प्याविधा pachkathiya, and in South-West Shahabad खुँडिपुनी khuntiputti. The two outside ones support the bearings of the spinning-axle, and the

centre one has in its length, facing the driving-wheel and going right through its thickness, a long slot cut. One of the strings of the driving-band passes through this slot, and the other passes outside it, so that the double turn round the spinning-axle can never get jammed up together, and so entangled.

- 349. On the two outside uprights, on the side furthest from the driving-wheel, project two stiff pieces of leather, called sacta chamrakh. These form the bearings of the spinning-axle, which passes through them.
- 350. The spinning-axle.—This is called zaut taken, and also to the west zaut tekua. It is an iron skewer about 8 inches long and an eighth of an inch thick at the thickest part. It projects a distance of three inches beyond its bearing on the same side as the handle of the driving-wheel. This bearing has on each side two little pieces of wood fitting on to the spinning-axle, which act as washers, and are called gal chhuchchhi. Outside the outer washer on the spinning-axle is a flat disc called fural phirki, and two and a half inches of the axle project beyond it
- 351. The driving-band, after passing twice round the driving-wheel, passes through the मलन्तारी malkāthi, then twice round the spinning-axle, and then back to the driving-wheel outside the मलन्तारी malkāthi; and it is evident that even the slow turning of the driving-wheel will make the spinning-axle revolve at a very high speed indeed.
- 352. In spinning, the projecting point of the spinning-axle has a short length of thread attached to it, and then, while the handle of the driving-wheel is turned with the right hand, a roll of cotton (पीनी pīnī) is held in the left hand between the finger and thumb, and the cotton, being quickly caught up by the length of thread, is drawn off in the shape of thread on to the quickly revolving spinning-axle.
- 353. When the projecting point of the spinning-axle is filled with thread, the whole is called a grant kukri, or in Saran grant kukurhi, and is wound off on a winder, called useat parta or usar parta. It is also called in South-West Tirhut assat natura, and in East Tirhut useat latura or assat natura. In South Bhagalpur it is called assi natur. This is like an ordinary silk-winder. The handle (unitary chalauna) of the driving-wheel is taken out of its socket in the crank (unitary), and in its place is placed one end of the axle of the winder. The other end is held in the right hand, and is revolved between the finger and thumb. The winder

is conical in shape, and does not need further description. It will hold half a quarter of a ser of thread at a time. When it is filled, the thread is taken off and tied in hanks. These are generally पोखा pola, पोसी poli, or पोखिया poliya. Local names are बनी natti (North-East Tirhut), सनी latti (Patna and Gaya), and करन्सी karchī in South-West Shahabad.

354. The diary breaks off here temporarily, as the spinning of this particular cotton was not done in the writer's presence. He wished the thread to be spun as fine as possible, and as this could only be done by Brāhmani women, who would not come to a strange house, this part of the work was done by them at home.

CHAPTER V.-THE WEAVER'S LOOM.

- 355. The following is a continuation of the same diary.
 - 18th January 1880.—The skeins of fine thread were brought to me to-day, and were put in water to soak for eight days. This strengthens it.
 - 27th January.—After they had soaked this period I sent for a weaver. A Muhammadan weaver is जोजन्दा jolha or मोमिन momin, and a Hindu weaver is तंतन्या tantwa or नाँनी tānti, or, in Shahabad नाँनी tānto. Sometimes the Hindi word जोजादा jolāha is used instead of जोजन्दा jolha.
- 356. The Musalman weaver or street jolha is the proverbial fool of Hindu stories and proverbs. He swims in the moonlight across fields of flowering linseed, thinking the blue colour to be caused by water. He hears his family priest reading the Qurān, and bursts into tears to the gratification of the reader. When pressed to tell what part affected him most, he says it was not that, but the wagging beard of the old gentleman so much reminded him of a pet goat which had died. When forming one of a company of twelve he tries to count them, and finding himself missing wants to perform his own funeral obsequies. He finds the rear peg of a plough, and wants to set up farming on the strength of it. He gets into a boat at night, and forgets to pull up the anchor. After rowing till dawn he finds himself where he started, and concludes that the only explanation is

that his native village could not bear to lose him, and had followed him. If there are eight weavers and nine hukkas, they fight for the odd one. Once on a time a crow carried off to the roof of the house some bread which a weaver had given his child. Before giving the child any more he took the precaution of removing the ladder. Like the English fool, he always gets unmerited blows. For instance, he once went to see a ram fight and got butted himself, as the saying runs:—

करिगद बाद् तमाचा जाय जादक चोट जोखादा बाब.

Karigah chhār tamāsa jāy, Nāhak chot jolāha khāy.

- He left his loom to see the fun, and for no reason got a bruising.' Another story (told by Fallon) is, that being told by a soothsayer that it was written in his fate that his nose would be cut off with an axe, the weaver was incredulous, and taking up an axe kept flourishing it, saying याँ करन्या तड जीड़ कांद्रन्यों, याँ करन्या तड पाय कांडन्बों, और यो करन्या तब ना-, yon karba ta gor katbon, yon kurba ta hath kātbon, aur yon karba tah nā-, —if I do so I cut my leg, and if I do so I cut my hand; but unless I do so my no-, and his nose was off. A proverb जोलन्दा जानिय जी कार्ड jolha janathi jou katui,-does a weaver know how to cut barley,-refers to a story (in Fallon) that a weaver, unable to pay his debt, was set to out barley by his creditor, who thought to repay himself in this way. But instead of reaping, the stupid fellow kept trying to untwist the tangled barley stems. Other proverbs at his expense are and used use के, जोजन्दा चजल घास के kaua chalal bas ken, jolha chalal ghas ken,the weaver went out to cut grass (at sunset), when even the crows were going home ; जोस-का स्तिएकांच तीसी खेत jolla bhutiailth tai khet,-the weaver lost his way in the linseed-field, an allusion to the swimming exploit already recorded. His wife bears an equally bad character, as in the proverb बच्चिक कोल-चिनि बापक दाँदी नोचे bahsali jolhini bapak danrhi noche,-a wilful weaver's wife will pull her own father's beard.

357. The weaver proceeded to set up in the ground seventeen pairs of sticks in two lines, at a distance between each pair of about one and a quarter cubits, and between the lines of about two cubits. At each end of each line a stout bamboo post is fixed, and close to each of

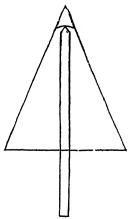
those at one end another smaller staff. Round these sticks the thread is twisted as follows:—



A, A, A, are the tops of the bamboo posts, and the dots are the tops of the smaller sticks.

358. This operation of setting the warp is called नानी करन tāni-karab, or in Shahabad नाना करन tāna karab. The bamboo posts are called खूँटी khūnti, and each stick, सर sar. These last are called in Sāran, Champāran, and North-West Tirhut सर-का sarka.

359. The sticks immediately in front of the bamboo posts are called to the west किर्मा chhitua, in Shahabad क्यानी chhipki, and to the east क्रियन chhitki, also in North-East Tirhut डोरीक सर dorīk sar. The whole apparatus is called नानी tāni, or in Shahabad नाना tāna, and the thread to be stretched is put on a kind of pyramidal reel called चरन्यो charkhi. It spins on a spindle, called द्यन्नी dagni, or in Shahabad दॉगी dāngi, and in the inside of the apex of the cone is a cup called योड़ी thori, or in Shahabad योजनी tholri, in South Munger योड़-जी thorli, and in South Bhagalpur टोई toï, which rests on, and revolves on the point of, the spindle: thus—



360. The spool is composed of 14 slips of bamboo, forming the framework of the cone, fastened at equal distances round the circum-

ference (चकर chakkar) of the base of the cone, and converging to a point at the top.

361. The spindle of the spool is held in the left hand, and the weaver walks up and down between the two lines of thread, directing the thread by a hook called खुँड़ी khunri or खाँड़ी khunri, or in South-West Shahabad खुद्धा khunda, in South Munger खुद्धी khundi, and in North-East Tirhut and Shahabad खुँड़ा khūnra, and shaped as follows:—



The hook at the top is made of iron.

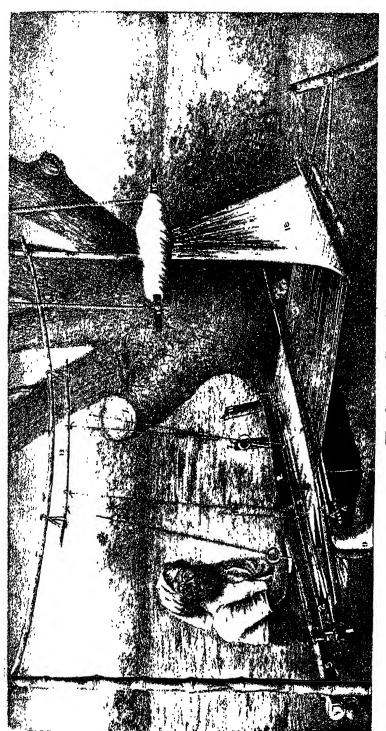
362. 5th February 1880.—The warp having now been all set upon the sticks (सर sar), they were, with the खूडी khūnti, pulled up, rolled up, and put by till to-day. To-day they were unrolled and laid out in a long line on the grass. The व्ही khunti were then carefully drawn out, and a bamboo staff, called ferre sirar (or ferre sirāri), put in the place of each. It will be remembered that the ET sar were in pairs, and that at each pair the thread crossed thus Another kind of T sar is now taken, made like a long shallow bow, except that the string is made of a thin strip of bamboo. This bow is called said sutri, or in Tirhut The each of the bow is also made of bamboo. The bamboo string is called with dori. The arch of the bow is now passed through the threads where one of the old ut sar was, and the bamboo string through where the other sar of the pair was, so that the cross of the threads is still preserved. The bow and string are then fastened to each other at each end. The arches of the various bows all face one way. The warp is then laid out on the ground, and the threads neatly spread out upon the bows in parallel lines, to the width of the future piece of cloth.

362A. 9th February. - The thread thus arranged was rolled up, dipped into, and well wet with cold rice-water (माँड mānr), to which some मङ्खा marua seeds had been added to stiffen it. It was then unrolled and stretched out horizontally at a height of three feet from the ground and brushed with a large brush, called क्ष kūnch, dipped in mustard oil and water, which smooths the threads and takes away any knots or inequalities in the thread. This brush is also called Honor majna in West Tirhut. माँजा mānju in South Bhagalpur, and माँजन mānjan in South-West Shahabad. The cross sticks on which the thread rests are called साँका mānjha, and the cross bamboos at each end are उँचनी thenghni or जाठी छोर lāthī dor to the west, गोड़ा gora to the east. खसर्देश khasraiya in North-West Tirhut, दश dhattha also in North-East Tirhut, ਫਾੱਡਾ dhāntha in South Bhagalpur. and जारी lāthi also in South-East Tirhut. This brushing is hard work, and takes eight men to do it properly. The brushing is along the threads, and not across them. The bristles of the brush are made of unitary khaskhas, called also in Saran करारा के जड़ katra ke jar, such as is used for tatties, and are about two and a half inches The brush itself is about a foot long and two inches wide. The brushing went on for three days, and is called पार करण pāi karab, and also in East Tirhut तासन करव tāsan karab. The phrase चाइ पाइ āi nāi means the brushing and other preparations, and there is a proverb, जोखन्दा के चाद पाद, चमन्दा के विदान jolha ke āi pāi, chamra ke bihān,—when a weaver says the cloth will be soon ready, as he is now brushing it. don't believe him, any more than you believe a shoemaker who says 'the boots will be ready to-morrow.'

363. When this was concluded, the threads were put into the loom and woven at the rate of a yard a day. The loom is little different

from that used in England. It is called **afting** kariyah to the west and **atting** karyah to the east. It consists of the following parts:—

- (1) The shuttle.—This is दरक्की dharki in Gaya and to the west, and कपरविद्यो kaparbinni or कपरविद्यो kaparbini to the east. In North-East Tirhut it is also called कपरविद्या
- The needle inside the shuttle, on which the thread is (2)wound, is fatt tiri, and the tube which revolves on this got chhuchchhi, or in Shahabad good chhunchhi. When thread is wound on this tube the whole is called नरी narī, also in East Tirhut बरी lari. This is held in its place in the hollow of the shuttle by a pin made of a feather. This is called verifi pakhnari to the west and in South-East Tirhut. bir in South Bhagalpur, and पखन्दीर pukhbir or पर्वेचारी pakheāri to the east. A weaver estimates his work by the number of art nari which he uses up, as in the proverb in which he is supposed to address a man who has seized him to carry a load, there as after, निहें तठ नी नरीक चर-कृति चोप्रत tangbah ta tangah, nahiñ ta nau narik harkati hoet,-if you must load me, load me quickly, otherwise the time of nine shuttles will be wasted.
- (3) The wooden frame suspended from the roof, which after the shuttle passes is pulled forward by the weaver and drives the thread home. This is were hatha or ware hatha in West Shahabad, Patna, and West Tirhut, which kamhan in the west generally, which kamhan in the north-west, and was kamhanda in Gaya. In North-East Tirhut it is were tana, and in South-East Tirhut and tani In South Bhagalpur it is were tankar.
- (4) The comb of reeds or bamboo in this bar, which keeps the threads of the warp apart, is called Trachh.
- (5) The heddles, which alternately raise or depress the threads of the warp, are we have or a bai.
- (6) The set of three reeds which is placed in front of the heddles to keep the two sets of the threads of the warp apart is



Chaupat (roller). 5. Champat (ro 6. Jibhela. 7. Bammari. 8. Kharkhaut.

The Country Loom (Karigah).

स्तारावन atrāwan north of the Ganges generally and in Shahabad, and तरावन tarāwan elsewhere south of the Ganges. Another set of three reeds also used is called संज्ञानी bhanjni in Champāran, North Tirhut, Gaya, and South Munger, and the two sets together are called in North-East Tirhut सत्तरावन भाँच atrāwan bhānj. In Patna and the south-east the reeds are also called सर sar.

- (7) The elastic bow which keeps the woven cloth stretched in front of the weaver is **पश्चिक** pannik south of the Ganges; north of the Ganges it is **पश्चिक** pannik, and also **पश्ची** panni in East Tirhut.
- (8) The wooden roller behind which the weaver sits, and on which the cloth is wound up as fast as it is made, is in the north-west, in West Shahabad, and in South Munger खपेटन lapetan; elsewhere it is चौपत chaupat.
- (9) This is supported by posts called खँडा khūnta; also the right and left ones have different names, viz. the right-hand one, which passes through the roller and prevents it turning round, is जिसेसा jibhela everywhere, in North-East Tirhut also जिस्ला jihela. In South Bhagalpur it is गासी खँडा gāli khūnta. The left-hand one, against which the roller rests, is बँचेसा banghela north of the Ganges everywhere. Also, in East Tirhut, as also to the west and Gaya, it is बंदारी banwāri or बँचिया banwariya, in Shahabad it is also परेसा pachhela, and in South-West Tirhut कॅसेसा kandhela. In South-East Tirhut it is also called बसेसा banaila. In South Bhagulpur it is simply खुद्दा khutta.
- (10) The woof is supported at the end opposite the weaver by a piece of wood called खरकोट kharkaut to the west and खरकोटी kharkauti to the east or खरक्टी kharkūti in South Bhagalpur, which is held up by pillars called करेंची kanaili to the north and west, खूँटा khūnta in East Tirhut, यूम thūm in Patna, यूमी thumbhi in Gaya, and यूमा thumbha in the east, and also खरको खूँटा kharko khūnta in South Bhagalpur.

- (11) The woof is held tight by a string, which is fastened to its end and passes round a peg at the extreme end of the loom and back again up to the weaver, where it is fastened within his reach to another peg. He is thus able to slacken the woof as necessary. The first peg is called अगेजा के खूँटा agela ke khūnta, or in Tirhut भरकीनी के खूँटी sarkauni ke khūnti; the second peg is called जोरन्यमा के खूँटा dorbandha ke khūnta, or in South Bhagalpur कन-किसी kankilli.
- (12) The treadle, which the weaver moves with his foot, is पीचार pausār or पौचार pausār generally, and in East Tirhut पचार pasār. The knob on this, held between the weaver's toes, is पौनान pautān.
- (13) The upper levers, to which the heddles are attached, are ন্যাননী nachni generally. In East Tirhut they are ভাৰানী lochni, and in South Munger ভাৰানী lachni.
- (14) These levers are fastened to an upper beam, which has various names, viz. सभेर abher to the west, भिनःभेरा bhubhera in Sāran and Champāran, षसाना dhachāna in South-West Tirhut, धसान dhachān or सकासी akāsi in North-East Tirhut, अपरन्तर uparkar in South-East Tirhut, सरावार korbār in Gaya, and कर kar in Patna and South Munger.
- 364. The loose end of the woof (पाद $p\bar{a}i$) is called चिरारा $sir\bar{a}ra$, and it is wound up on a टॅंगन्नी tangni, which is hung up out of the way.

CHAPTER VI.—THE SALTPETRE MANUFACTURER.

- 365. He is called नोनियाँ noniyān. The round vat in which he dissolves the saltpetre from the saline earth is कोटी kothi north of the Ganges, and south of it बहारी ahri. The mother liquid thus produced flows out through a drain called पनार panār in Tirhut and to the east, and पौनार paunār to the west; also in Sāran मोहान mohān, and in South-West Shahabad परानोहा parnauha. It flows into an earthen vessel fixed in the ground, called नदाहा nadha, नाद nād, or नादा nāda, also पराना parchha in Tirhut and towards the west, and गढ़ानी garni in South-East Tirhut.
- 366. The mother liquid is called ৰে ras, or in South-West Shahabad আন্তৰ agras. After the saltpetre has been deposited, the

refuse liquid from which salt can be educed is called पहाड़ी pachhāri, or in South-West Shahabad काडी kāhi. In Sāran काडी kāhi means the liquor from which salt is educed, and पहाड़ी pachhāri the refuse which is thrown away.

- 367. Over the round vat are placed bamboo rafters, which are called कोरई koraī to the west, कोरो koro in North-East Tirhut, and परन्वरन patvatan in South-East Tirhut. These are supported on bricks, देरा inta, and over them is spread straw, called काजा chhāja, किही chhitti, or खर khar.
- 368. The mother liquor is boiled in a large iron pan called कराइ karah, or (to the east) नौचा taula. When made of earth it is called कुखा kunda, or in Sāran खोर khor. The fireplace is called चून्हा chūlha. The pot for cooling the boiled liquid is इंड्या hanriya, or to the east नौचा taula.
- 369. The iron curved spud by which the saline earth is scraped from the ground or wall is खुरन्पा khurpa, and the mattock for digging is फडरा phahura to the west, कोदार kodār in Tirhut, and कुदारी kudāri in Sāran. The basket for carrying the saline earth is टोकन्ट्री tokri, and that for carrying the saltpetre केंट्री chhainti
 - 370. In South-West Shahabad-
 - (a) अद्या सोरा jarua sora is saltpetre prepared by boiling;
 - (b) बाबी सोरा abi sora is saltpetre prepared by evaporation by the sun's rays; and
 - (c) काल्डकी सोरा kalmi sora is refined saltpetre.

CHAPTER VII.—A DISTILLERY OF COUNTRY-LIQUOR.

- 371. भहीदार bhatthidār or चानन्तार ābkār is a distiller. In Sāran he is also called राँकी rānki. कलाल kalāl is a Muhammadan who sells country-wine; कलालार kalwār is a Hindu who does this. कलाल kalāl and राँकी rānki are caste names. When a man of another caste sells liquor, either on his own account or as a servant, he is called गहीवान gaddiwān. भही bhatthi is a distillery. कलाली kalāli or गही gaddi is a place where country-spirits are sold
- 372. The still is called with bhatthi, and consists of the following parts:—
 - (1) ইন deg or উন deg, the boiler.—This has a baked earthen cover called আহ্বনাৰ adhkār, or in Sāran আহ্বনাৰ adhkar.

- (2) Over this is inverted a wide-mouthed globular copper vessel; this is called নানা tāmmi, or in Sāran মান্ত্ৰা tamiya. It serves as a condensing-vessel. The spirit rises into it, and over its outside surface runs continually a supply of cold water.
- (3) The water reservoir is नाइ nād. The water flows from this through a pipe called पौनक्षी paunalli, or in South Bhagalpur पन्नाकी pannāli, and in Sāran also काँगा dhonga, on to the top of the condensing-vessel.
- (4) The spirit thus condensed flows out through a pipe called सम्बन्धी madhnari.
- (5) The spirit is collected in an earthen jar called হাঁক tānk or নৱনা matuka, and in this it is carried to the place of sale.
- (6) The refuse left in the boiler is বয় ras; also, in Gaya, ৰক-য- baksa, and in South Bhagalpur also নাবা gora.
- (7) ৰাজন sājan or ছানৰ chhāban is water used for diluting spirit, so as to increase the quantity for sale.
- (8) The liquid for distillation is made as follows. Liquid (TH ras) and sweet preparations (HISI mītha) are mixed and buried in the ground. This mixture is called and baried in the ground. This mixture is called and is poured into it. This act of mixing is called area bharti. When the mixture is sufficiently fermented for distillation it is called and bojhāi. The constituents of the TH ras and of the HISI mītha vary, and are not detailed here.
- (9) Earthen cups for drinking country-spirit are चुकड़ chukkar, गुड़-की gurki, or पिटीचा pitaua.
- (10) Pots for keeping the spirit in the shop are called माट māt, कोरेना korena, or in Shahabad कोरेना kaurena and बद्धाम buiyām. In Sāran another name is करावा karāba.
- 373. Ordinary weak country-spirit is दोकानी dokāni, and also in Sāran विश्वा khasiya; the next strongest (when made of जूर gūr only) is करी kandi or (when made of other materials) दोनारा dobāra; the next strongest is चौँभी saumphi, or in South-East Tirhut चेनारा sebāra; and the strongest of all, सद्राद्श mahardār.

SUBDIVISION VIII.

APPLIANCES USED BY MISCELLANEOUS VILLAGE TRADERS AND PROFESSIONALS.

CHAPTER I .- THE PALM-JUICE SELLER.

- 374. The palm-juice seller is पासी pāsi.
- 375. In climbing up the palm-tree he uses a heel-rope, which ties his feet close together. At the same time he has a stout rope passing round the tree and his body. He leans back against this rope, and presses the soles of his feet, thus tied together, against the tree. He then climbs up the tree by a series of hitches or jerks of his back and his feet alternately. The heel-rope is called until makri, or to the west ugul pakusi. In Shahabad it is until paksi, and in Tirhut and Patna until phandiya. The body-rope is generally exert danrwans. In the east it is also until rassa, and in South Munger universe barta.
- 376. The longish earthen pot in which the juice is collected is called खननी labni, or to the east उद्द् urhorh. Round its neck is tied a string, called to the west चरनन arwan and to the east फन्नी phanni or फनन्नी phanki, or in South-East Tirhut रीना rauna. This string is hooked on to a hook, जॅन्नरा ankura, or in Sāran जॅन्नरा ankurha, in Shahabad जॅन्नसी ankusi, and in South Bhagalpur जॅन्नरा ankora, which is tied to the man's waist by a rope, चन्रर lewār, or in Sāran डॅर्न्सर dānrkas, in Champāran डॉन्स dānra, and in South Bhagalpur पेटार petār.
- 377. The sickle used for cutting the palm-tree is stall hansuli to the west and stall hansua to the east. It is sharpened on a piece of wood called stall lautha, and also, to the east stall sonta, or stall baluath in South Bhagalpur and stall baletha in South Munger.
- 378. A दशीना hathauna or तर कही tarkatti, or in Sāran ज्याना labna, is a large longish earthen pot for holding toddy (नाड़ी tāri). In South Bhagalpur नोजा taula or कुन्दा kunda is an ordinary vessel for holding it. नापा nāpa, or in Sāran नपन्ही naphi, is a small earthen pot used for measuring it, and जोरना jorwa, परिचा barariya, and गोजना golwān are in South Bhagalpur earthen vessels in which toddy is sold.
- 379. A toddy palm-tree is नार or नाड़ tār, and the juice is नारी or नाड़ी tāri There are two kinds of this tree—the female one, which bears fruit and is called पद्धानार phaltār, or in South Bhagalpur पद्मा phalla, and the male one, which produces hairy flowers and is

called बल्नार baltār or फलनार phultār, or in North-East Tirhut फलादो phuldo, and in Sāran बिस्हा baliha. A खँगारा khangra, खगारा khagra, or खगारी khagri is a young palm-tree. A कोड़ी korhi (North-East Tirhut) or a बहिरा bahira (South-East Tirhut), बाँकी विस्ता bānjhi siswa or खनाइ anāthu (South-West Tirhut), is a palm-tree which does not produce juice; a दसनी basanti is a tree which produces juice in spring, and जाइचा jethua, or in Sāran चास sāl, one which does so in summer, while घोद ghaud is one which does so all the year round. In the east घोर ghaur is a tree which produces juice in the rainy season.

380. To cut a palm-tree for the juice is देवब chhewab.

CHAPTER II.-THE BIRD-CATCHER.

- 381. The bird-catcher or निर्मिकार mirsikār, or in Shahabad बहे जिया baheliya, uses a number of नज nal or नर nar, which are long shafts of bamboo tied together like a fishing rod, of which the top one is called कमा kampa, or in South Bhagalpur जीना khoncha. On this last is applied bird-lime (जाजा lāsa), and the bird-catcher cautiously approaches the bird, concealing himself behind a दशे tatti or screen of leaves and branches. When the bird is within distance it is struck with the limed कमा kampa, and thus caught. The चौजा chonga is the bamboo tube for keeping the bird-lime.
- 382. The फाँद phānd or फाँदा phānda and चौगोड़ा chaugora are two kinds of nooses. षश्चिगरी batiyari is a net used in the day-time, and चातर chātar, one used at night for catching birds.

CHAPTER III.-THE BARBER.

383. The barber is इजान hajām, टाइन्र thākur, नाइ nāi, नाड nāu, or नौचा naua. In North East Tirhut he is also नहींर naheri, and in Saran sometimes चोचा osta. He has his छोखर lokhar or किसन्मन kismat, किसन्मन kisbat, or किसन्मन kisbad, which is his instrument-bag. Also he has a चमोटा chamauta or चमोटी chamauti, or piece of thick leather used as a strop, a मोचन्ना mochna or tweezers, and a क्रा chhūra or चम्रा astūra, or to the east खर khūr, or razor. His nail-parers are नचरन्नी naharni, but in Champāran they are नचरन्न nahran, and जन्मा laharni in East

Tirhut. His whetstone is चिन्ना silla or चिन्नी silli. केंची kainchi is his seissors, कटोरी katori his brass cup for water, द्रापन darpan his looking-glass, and लुङ्की lungi the cloth which he spreads in front of the person he is shaving, and on which the hairs fall.

CHAPTER IV .- THE COUNTRY SURGEON.

- 384. The country surgeon is জানোছ jarrāh, জানোছ jarāh, or ছজান hajām.
- 385. Among his instruments are जमूरा jamura, a tooth-extractor, चोमा chobha or नखर nastar, a lancet for the arm, and हुनन्का thunka, a lancet for the head.
- 386. For circumcision (समात sunnat or खनःना khatna) he has जन्मी jantri, घोड़ी ghori, or in South Bhagalpur भूँटा chūnta, which are nippers of bamboo, and उचाइ salāi, which is a bamboo needle for holding up the foreskin.

CHAPTER V.-THE FARRIER.

- 387. The farrier or नासन्बन्द nālband has the following appliances.
- 388. A संचारी mekhāri or किसन्दन kisbat, which is the bag in which his tools are carried, a दूरी chhūri or curved knife, a दुसन्तरास sumtarās or large curved knife, a जन्मरं jambūr or pincers, a रेन ret or file, a बज्जा balkha or मार्नीस mārtaul or small but long hammer, a दोसासी doāli, or in South Bhagalpur बज्जा balkha, which is a leather for holding up the horse's hoof, a पुजन्मास pujmāl or hair string for tying the ear of a refractory horse, a दल्ला halkha or iron ring, and a दुसन्तरी sumkatti or chisel for cutting the horse's hoof.

CHAPTER VI .- THE WASHERMAN.

389. The घोनी dhobi or washerman uses a पटःचा patha or pāt, which is the washing-board, of which the support is in Shahabad डेइस्र thehua or नेवन्बर newnath. In South-West Tirhut it is

- called चौकी chauki, and, when made of stone, पश्च pathal. His iron is इसन्तिरी istiri or (in North-East Tirhut) निसन्तिरी mistiri. His ironing cloth is चेटन bethan, and his starch कलप kalap or कलफ kalaph.
- 390. When the article to be washed is too heavy for him to lift up and dash upon the washing-board, he beats it with a mallet, called सुगारा mungra or सुगारी mungri, or (in Sāran) डॉसन dānsan, (in North-East Tirhut) साँटा sonta, and in South-East Tirhut खाटी lāthi. In South-West Shahabad it is called कटनका kathka, and in South Bhagal-pur धोवन्डॉग dhobdāng. The clothes-line or drying-frame is सनाव tanāw. His bundle of clothes is बकुदा bakucha.
- 391. The act of beating the clothes is कुन्दी kundi, and to beat the clothes is पीटन pītab, or घोएल dhoël north of the Ganges, विकरन bichharab (in Patna), निकरन nichharab (in Gaya), निकारल nikhāral (in Shahabad), खौँचन khīnchab (in South Bhagalpur), and काँटन chhāntab or पौँचन phīnchab (in South Munger and Shahabad).
- 392. South of the Ganges clothes which are well washed are निमाइ nimār, or in South Bhagalpur जीवर भार gobar jhār. In Champāran they are निखार nikchār. The half-washing given to new clothes is खमन्धे khamso, or in South Bhagalpur खांचन्से khāmso. In Gaya the washing of a cloth after it has had patterns printed on it is विद्यानी bichharni.
- 393. The honesty of the washerman and his tenderness for the clothes committed to his care are not considered of much account in Bihār, and there are numerous proverbs coined at his expense, e.g. घोबी पर धोबी बसे, तब कपन्ड़ा पर साबुन पड़े dhobi par dhobi base, tab kapra par sābun pare. -no soap ever touches clothes unless many washermen live together (when owing to competition they wash well). Again, घो विक नाप केर किक् निर्दे फाट dhobik bắp ker kichhu nahiñ phát,—nothing belonging to a washerman's father is ever torn by him (i.e. those are the only clothes about which he is careful). It is also a wise precaution, which according to Bihār ideas should universally be adopted, to disbelieve a washerman when he says the clothes are 'nearly' ready. A washerman's donkey is a bye-word, as in the proverb गद्ग्दा के नव दोसर गोसेंग, घोविया के नव दोसर परोचन, gadha ken na dosar gosainyān, dhobiya ken na dosar parohan, -an ass has only one master (a washerman), and the washerman has only one steed (a donkey). Again धोबी नाज दरन्जी, दे तीनू खलनारन्जी dhobi, nāu, darji, i tīnu algarji,—there are three careless people, the washerman, the barber, and the tailor.

SUBDIVISION IX.

TOOLS AND APPLIANCES USED BY COUNTRY ARTIZANS.

CHAPTER I.-THE CARPENTER AND TURNER.

- 394. The carpenter is बड़न्ही barhi, or in East Bihār optionally कसार kamār. In South Bhagalpur he is also called सहैया maraiya. His workshop is कसरन्धायर kamarsāyar or बड़न्ही खाना barhi khāna. A proverb about him is दे वरिवक गाम कसेताच जनिका रखान नह वसुखा i buribak gām kamaitāh, janiku rukhān na basula,—this fool (of a carpenter) would serve the village when he has neither chisel nor adze; said of one who undertakes to do a thing without possessing the means. He uses the following tools:—
- 395. The adze.—बद्धा basūla or, especially in South and West Bihār and South Bhagalpur, बद्धा basula. In South Munger it is बिंग्ला basila. A similar tool is दक्षा tanga, टाँगा tānga, टाँगी tāngi, or टेंगारी tangāri. In North and East Bihār it is also called कुझारी kulhāri. This is a larger adze, and is used chiefly by sawyers (चर-किंग्सिया urkasiya or चाराक्य ārākas) in squaring logs, and by carpenters for rough work or for cutting down trees.
- 396. The large saw.—बारा āra, and south of the Ganges also बरारा arra. The small saw.—बारी āri.
- 397. The large hammer.— इयोरा hathaura, or in South Bhagalpur जिद्दावर lihāwar. The small hammer.— इयोरी hathauri, भारनी क्ष mārtaul, and in West Tirhut and south of the Ganges also वन ghan. In South Bhagalpur it is called मरिया mariya.
- 398. The बरन्मा barma or बरन्मा barmān is a revolving awl or drill, worked with a bow and string, and used as a gimlet or centre-bit. The bow used with it is कमानी kamāni, or in South-West Shahabad कमानक kamānak. The handle round which the string goes is युक्त gulphi or युक्ती gulli. In South and East Tirhut the word is कुक्त प्यी kulphi. In Gaya it is मूड mūth. The cap at the top, on which the palm of the hand rests to press the awl, is टोपी topi, पेका paila, दबन्नी dabni, or द्वीटा dabauta. The awl itself is बर्ज्मा barma or बर्ज्मा barmān. The string is north of the Ganges ट्राइटिंग doāli, and south of it डोरी dori or जोती joti, or in South-West Shahabad जैंबर jemuar.

- 399. The following are various kinds of chisels:-
 - (a) The কছক kachchak north of the Ganges, and the ৰহাৰী batāri or ৰহাৰী batāli south of the Ganges, is broad at the base and narrow at the point. In South Bhagalpur it is called কজন kajjak.
 - (b) The रक्ता ramba is a long chisel for making mortice holes.
 - (c) The चौरन्सा chaursa is broad and straight; another name in Gaya and Shahabad is बतासी batāsi.
 - (d) The दखान rukhān or दखानी rukhāni is like the kachchak, but is larger and thicker, and is used for coarse work.

 It is also a generic term for all chisels.
 - (e) A small chisel with a rounded edge for making lines on wood is north of the Ganges নীজন ৰ্বল আৰ golak buruj khāb. South of the Ganges and in Sāran it is বিশেৰা girda or নীৰেন্দ্ৰৰ gordār randa. In South Bhagalpur it is also ভাভিয়া kholiya.
- 400. Gouges are गोसक golak, गोसस golakh (Gaya), गोसा दसानी gola rukhāni, or गोरन्दार दसानी gordār rukhāni; other names are गोस gauch (South West Tirhut) and गिरन्मिट girmit (? gimlet), North-West Tirhut. A large gouge for heavy work, such as hollowing out ricemortars, is बाँक दसानी bānk rukhāni. A square gouge is कचन दसानी kachchak rukhāni.
- 401. The common plane is रचा randa, of which the blade is फांची phalli, or in Shahabad फांचा phalsa, and the body कुन्दा kunda. The wedge for holding the blade has various names, viz north of the Ganges खूँडो khūnti, हे की theki, or चेखी chaili. South of the Ganges it is in Shahabad खूँडो khunti or हेफो thepi, and to the east पची pachchi, पचाड़ी pachri, or पचड़ pachchar. When the blade has a coarse edge for rough work, it is भराना रन्दा jharna randa; also ट्रॉन रन्दा dānt randa in South-West Shahabad. A plane with a fine blade is चाफी रन्दा sāphi randa. The ट्राच darāj is a narrow plane for squaring the edges of boards.
 - 402. Grooving-planes.-There are-
 - (a) The plane for cutting square grooves.— ৰুবল আৰ buruj khāb, or (South of the Ganges) ৰুবল (or যুবল) আৰ buruj (or guruj) khāp.
 - (b) The ব্যৱহান galta is for cutting round grooves. In West Bihār and South Munger it is also called ভিতেমী khirchi or ভিতৰনী khilts.



TURNER (KHARADI) AT WORK.

Lith.by Hem Chunder Ghosal, Student, Govt School of Art Calcutta

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- (c) The भारी के रन्दा jhāri ke randa or (north of the Ganges)
 पद्धाउँ palāun is a plane for making grooves for panelling.
- 403. The following are files :-
 - (a) रेती reti is the common file.
 - (b) The file for sharpening saws is generally कतः । Local names are कतरि katarı in North-West Tirhut, कतः । ची katrohı in East Tirhut, तेपच tephal in Gaya and Shahabad, तेपचा tephalla in Sāran, and कमाची kanāsı in West Shahabad.
 - (c) ধাৰৰ sohan, or in East Tirhut বাইৰ sohen, is a coarse rasp.
 - (d) The ভাৰেল chorsa, or to the west ভাৰেল chaursa, is a broad file.
 - (e) The निमन्गीरिट् nimgīrid is a half-round polishing file. In South Bhagalpur it is मैंगिरी margiri.
 - (f) The चौरस रेति chauras retr, or in South Bhagalpur चौपरख रेती chaupahal retr, is a square file
- 404. The square, or gnomon, is बटाम batām, मुनियाँ gunnyān, or चलना बटाम chalta batām. The compasses are परन्ताल parkāl. A blunt point for drawing lines is खतन्त्रम khatkas, or in South Bhagalpur कोरन्स्त korsūt. Sand-paper is परेच कहा sares kanna, परेच कागज sares kāgay, or परेच पत्ता sares pattā. In South Bhagalpur it is पाफी sāphī. The pincers for drawing nails are जल्ह्रा jamhūra, जस्रा jamūra, or पॅड्नची sanrsī. Glue is परेच sares. पत्रख patthal, पथल pathal, or चिल sīl, is the grindstone. The block on which the man works is ठीचा thīha, ठेचा theha, or in South Bhagalpur दिया thiya, दिया thiha, or परन्तरो parkattho. In Gaya and Champāran it is called परिवादा pariyātha.
- 405. The English auger is also used, and is called खननार augar, or in Tirhut निरमिष्ट girmit (? = gimlet).
- 406. A lathe is खराइ kharād, and the man who works it is खरादी kharād, a turner.

CHAPTER II.—THE BLACKSMITH

407. The blacksmith is जोदार lohār generally, and in South-East Turhut he is also टाइन thākur or कमार kamār. His smithy is कमरन्याद kamarsāyar. In Sāran it is also जोद्दन्यारी lohsāri, and in South Bhagalpur it is कमरन्यारी kamarsāri or सद्दं maraī.

- 408. His anvil is निहाद nihār or नेहाद nehār; but in South-East Tirhut it is होहाद lehār, and in South Bhagalpur हिन्दार lehār. This is fixed in a block called देहा theha north of the Ganges, दोहा thīha in Shahabad, and in South Bhagalpur दिया thiya, परन्कट parkath, or महिन्दास gariyās. In Patna and South Munger it is परेटा paretha or परन्दा parhattha, and in Gaya परिचाटा pariyātha. In South-West Shahabad it is चाँकट ānkuth. A well-known proverb about an anvil is सुद्ध चोट नेहादक माँचा sunn chot nehārk māntha,—it the anvil has nothing on it, the blow falls on its head.
- 409. The घन-मुघी ghanmudhi is the swage block or perforated anvil on which iron is placed when being pierced with holes, and बीरी bīri or बीर bīr (east generally, Patna, and Gaya) or घना hanna (South Bhagalpur) is the round block of iron placed on this, also pierced with a hole. This latter is also used for making heads of nails, and another name for it is चपन्रावन chaprāwan, चपन्रीना chaprauna, or चपन्रीनी chaprauni.
- 410. The large hammer for welding is धन ghan; smaller than this is the इथीर hathaur or इथीरा hathaura; and smaller still the इथीरी hathauri or मरिया mariya.
- 411. The जन्म jamhūra or जन्म jamūra is a pair of pincers or tongs round at the tips; other names are जन्म gahua (Champāran, West Tirhut, and Patna), जॅड्ड sanrsi (Shahabad and South Bhagalpur), and वैद्या banguri (South-West Shahabad). Everywhere जंडड कि sanrsi is used for a pincer adapted for taking a hot piece of iron out of the fire, tightening nuts, &c. To the west the जन्म sugahi is a pair of horn or wooden pincers.
- 412. The iron poker for stirring the fire is north of the Ganges जॅड्रा ankurha; in Gaya and Shahabad it is जॅड्रा ankura or जॅड्रा ankuri; and in South Bhagalpur जॅडोरा ankora or चॉडर onkra. North of the Ganges, to the west, it is also कुल्लानारा kultāra; while in Patna, Gaya, and South Munger it is कोल्लारा koltāra.
- 413. The cold chisel is देनी chheni, and the chisel for making holes in iron is टोपन topan, with a variant टोपना topna in Patna and Gaya; another name is सुभा sumbha south of the Ganges or सुभा summa or सुभी summi north of the Ganges.
- 414. The fixed bellows is भाषी bhāthi, and also (south of the Ganges) भाषी bhānthi. The hand-bellows is दुष्ट्यी duhanthi when worked with both hands, प्रकृष्ट्यी ekhanthi when worked with one hand, and सुपीचा

supaua in South-West Shahabad. In the south-east it is also कड भाँथी kath bhanthi. The end of the bellows pipe which goes into the fire is मूड़ा mūra, मूड़ी mūri, or मुड़िया muriya. In Sāran it is अँकुढ़ा ankurha; in South Bhagalpur, मूही mūrhi or सालक sālak ; in Patna, मोइन्सा mohkha ; and in South Munger, सोखन्डी mokhri. The pipe itself is फूँक phūnk; also north of the Ganges and to the west get chhunchhi or get chhuchchhi; and in Patna, Gaya, Sāran, and East Tirhut चौँगा chonga, or in South Tirbut चौंगी chongi. The clay pipe over this is चारन an or चरन्नी arni, or in South-East Tirhut चार ar. In East Tirhut it is also मिटरम matiham, and in South-East Tirhut मेइस metum. The wooden sides of the bellows are त्याता takhta; also in Patna, Gaya, and South-West Shahabad पटनरा patra. The leather sides are चमाइन chamra; also चाम chām (optionally south of the Ganges) and जाड khāl in Champāran, Patna, and Gaya. The valve is पहा pankha or पहा pankhi; also (in Patna) पखाडी pankhri. In South-East Tirhut and Champaran it is नही gaddi. The pivot on which the pair of bellows works is after komrha north of the Ganges; also in North-West Tirhut with sursa. South of the Ganges, to the west. it is घूरी dhūri, and चाँकरा ankura to the east and also in Shahabad and Champaran. The pillars which support it are thambha north of the Ganges and Get khunta south of the Ganges and in South-East Tirhut. The upper iron bar is बड़ेंड्रा barenra or बडेंड्री bareni north of the Ganges. and बरेडा baretha in Patna and Gaya. In Shahabad it is बेडिया benriya. in South Bhagalpur swi danda, and in South-East Tirhut swi danta. The lever which works the bellows is wir chhip in the North Gangetic tract, and also see danta in Tirhut; south of the Ganges it is जाउ lāth or जाउ। lātha, and in South-West Shahabad उदा danda. In South-West Shahabad a small bellows worked by both hands is में दुरुषा भाषी menrarua bhānthi. A well-known saying about the bellows is तल्ली चार गरीव के दिर से परल न जाय, मुचला चाम की मूँक से लोह असम हो जाय tulasi āh garīb ke hari señ sahal na jāy, muala chām kā phūnk señ loh bhasam ho jāy,-O Tulsi! God cannot withstand the sigh of a poor man: the blowing of dead leather (in a bellows) reduces iron to ashes.

415. The बरामा barma is a revolving awl or drill worked with a bow, कमानी kamān, with a leather string, तमन्मा tasma. Sometimes a string is used instead of a bow, and this is called दोषाची doāli or जोती joti, or in South-West Shahabad जैवर jemuar. The iron spike of the awl is north of the Ganges उन्हों dandi to the west and फ्की phalli to the east. South of the Ganges we have चाँच dāns in Shahabad, उन्हों danti in Patna and Gaya, and उन्हों danti again in the south-east.

- 416. The fixed vice is बॉक bānk or (in South Bhagalpur and South Munger) वेस bais (?=vice), and the hand-vice is इयन्त hath-kal or (in Patna and Gaya) बॉयन्त hānthkal. The two sides of the vice which grasp the iron are पका palla; the screw is सुरूरा musra, or in North. West Tirhut कव जा kabla; and the socket for the screw to work in is दुन्ही chhuchchhi, except in Shahabad, where it is चॉनिया chongiya, and South Bhagalpur and Champāran, where it is चॉनिया chonga. The handle for turning the screw is north of the Ganges सुनूरा musra or चुन्ही chalauni. The latter name is also current in Shahabad, where in the south-west of the district we also have द्यन्तरा hathkara or दूवा danda. In South Bhagalpur it is दानु hātul or दूवा hattha, and elsewhere it is द्यारा hathra. The spring is कमानी kamāni.
- 417. The tap and die for making screws is north of the Ganges बांदिया bādiya or बदीया badīya; the latter is the usual form in North-East Tirhut. South of the Ganges, in Gaya and Shahabad, it is बदिया badīya, and elsewhere बिधा badhiya. In South Bhagalpur it is also called डाइ dār (die). Of this the female screw is कुटन्का kutka, the tightening screw चुटन्की chutki, and the nut-maker पंचन्कम pechkas. दिवन्सी dhibri, or in Sāran कबन्छा kabla, is the nut of a screw.
- 418. The common files are रेती reti, and the round files गोर्जन golak or गोर्ज golakh, and in South Bhagalpur गोर्ज रेती gol reti. The half-round file is निमग्गीरिट् nimgīrid, and the triangular file in Sāran तिमग्पका tinphalla, in Champāran तिरम्पाज tirphāl, in Shahabad तिरम्पच tirpahal, in Tirhut तेपाज tephal, in Gaya तेपचल tepahal, and elsewhere तिनम्पचल tinpahal or तिरम्पचला tirpahla.
- 419. The compasses are परन्ताल parkāl or कम्पास kampās. The mould is साँचा sāncha, and the vessel for cooling hot iron पनिसारा panihāra in Champāran, West Tirhut, and Gaya; पनिस्छा panihanda or पनन्स्छा panhanda in Shahabad and South-East Tirhut; सासा chāha (also in South Munger), खनेरी laberi, लावर lābar, or खनेर laber also in South-East Tirhut; वार् naber or नमेर namer in North-East Tirhut; and नमेरी naberi in Tirhut generally. In South Bhagalpur it is पनन्यास panchāha.

CHAPTER III.—THE MASON OR BRICKLAYER.

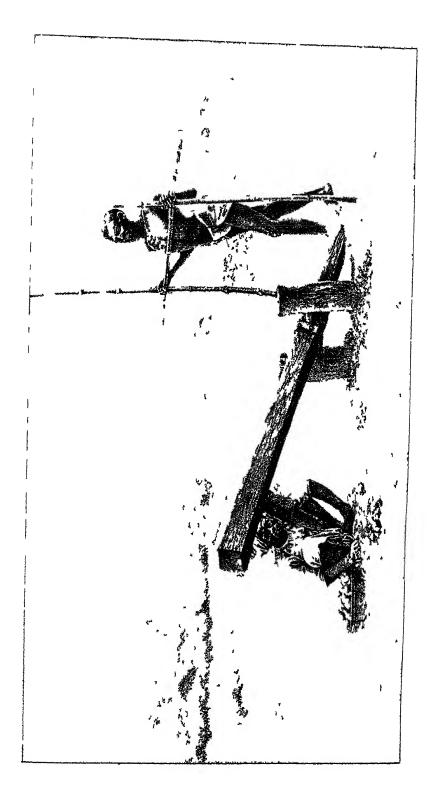
- 420. The mason is called राज rāj, also राज मिसिरी rāj mistiri north of the Ganges, and राज मजूर rāj majūr in South Bhagalpur and South Munger. In Sāran and Champāran he is also चवर thawaī.
- 421. He uses the बहुजी basuli, which is a pointed hammer for cutting bricks. In Shahabad जोड़ borh is an iron hammer for breaking stones

- 422. His trowels are (1) करानी karm, the largest, for mixing mortar; (2) मँभोखा manjhola or (in South-West Shababad) खधन्ता adhla, a smaller one; and नदन्ता nahla, or in Tirhut and the west कलम kalam or कल्लामी kalmi, the smallest one, for polishing the surface of the mortar.
- 423. Mortar is मसाखा masāla or (in North-East Tirhut) मच gach when made of brickdust and lime; when made of mud it is गिसावा gilāwa, also गरी garra (Patna, Champāran, and North-East Tirhut), गारा gāra (Sāran and the east), कारो kādo (South-West Tirhut), and केर leï (South-West Shahabad).
- 424. The wooden beater for consolidating and smoothing plaster is मुंगरी mungri or धापी thāpi. The रोख rol or रोख raul (South Munger, Patna, Sāran, and Tirhut) is a long stick for smoothing the plaster Other names are परःटा pahta or पाटा pāta, पेटा paita, पेटा paita (South Munger), and फरमा pharma in Gaya. In Shahabad and South Bhagalpur चिरमा chirna is a slip of wood used for the same purpose. The scoop for making moulding is north of the Ganges and to the east generally गोलाकच golākas, and also to the east गोला gola. Elsewhere south of the Ganges and in Champāran it is खुरम्ली khurchuni.
- 425. The plumb is डाइड sāhul. The string is स्तन sāt, and in Champāran and South-East Tirhut also डोरी dori; and the small pieces of wood fixed on the string are केंड्रा kenra or केंड्रा kainra in Tirhut, Shahabad, Patna, and Gaya, पत्ती patti in Sāran and Champāran, फिटरिकरी phitkiri also in Champāran, East Tirhut, and South Munger, फिरस्की phirki in South-West Shahabad, and फेटरिकना phetkina in South Bhagalpur.
- 426. The square is गोनिया goniya, युनिया guniya, or युनियाँ guniyān to the west, also यांघन्ती sādhni in Patna, Gaya, and north of the Ganges generally, and रिव्ह rabbil in South-East Tirhut and North Bhagalpur. To the west and in Gaya it is also बटाम batām.
- 427. The maul-stick is निस्तर mistar in Patna, the North-West, and South Tirhut. In Tirhut, Gaya, and the west it is निस्तर nistar. In South Bhagalpur it is चीप chīp.
- 428. The whitewashing brush is कूँची kūnchi; in South Muager it is also भरन्नी jharni.
- 429. The ladder is चीड़ी sīrhi, and the scaffolding साँच mānch or सचान machān to the north of the Ganges. South of the Ganges the latter is पाइ pārh generally, or पाउ pāth in Shahabad. In Champāran, Patna, and Gaya it is also चाड़ी chāli.

- 430. The नगार or नगाइ tagār (also नगाइ tagār in Tirhut) is the pot in which the mortar is mixed. The mortar-pot is नाइ nād or नाँइ nānd. The mortar-trough when made of clay is चाँड़ी hānrı, also को हा koha in East Tirhut, and optionally चयन्ता athra south of the Ganges. In South Bhagalpur it is also कहाइ karhāi. When made of wood it is कड़ना kathra or कड़ीनी kathauti.
- 431. The bricks are ground into powder (सराबी surkhi) by a crusher, हें की dhenke or (in Champaran) खाउ lath. Of this the pestle is सूसर musar or मुसन्दर musra, or (in South-East Tirhut) समाउ samāth. The piece of wood on which the bricks are sometimes crushed is चोखारी okhra north of the Ganges; south of the Ganges it is चोव-सा okhla in Gaya, जवन्सी ukhli in South Munger, सुरियाँ bhurryān in Patna, and कॅडिया kanrıya It is supported by pillars, which are खूँटा hhūnta or खुद्दा khutta in East Tirhut and south of the Ganges. In the latter tract they are also called जन्म khambha. In West Tirhut and Saran and Champaran they are ৰান্তা jangha or ভাষা khāma The axle on which it works is called चर्चीना akhauta in Patna and Saran, ज्योना ukhauta in Gaya, and also अवेडा akhaila in Patna. In Champaren and North-West Tirhut it is साँका māngha, in South-West Tirhut किशा killa, and in East Tirhut way danta. Sometimes a hammer is used for breaking the bricks. which is called संगर्र mungra or (in Shahabad) इथ-क्ट्रा hathkutta, and in Saran थापी thapi.
- 432. The large earthen pot for water is चेंचा ghaila, also दिख्या thiliya in Gaya and गगरी gagn north of the Ganges. The smaller pot is चाँड़ी hānn or चंड़िया hannya, also कोचा khoha in East Tirhut. South of the Ganges the pot with a spout for pouring water on the plaster is वचना badhna. In South Tirhut it is वचन badhan, and in South Bhagalpur भारी jhān. North of the Ganges generally करन्य karua or चंडिया kantya is used, and in East Tirhut also फूची phuchch.

CHAPTER IV -THE GRAIN-PARCHER

433. The grain-parcher is कान् kānu or काँड्र kāndu, with a variant काँड्न kāndūn in Champāran, Patna, and Gaya. In Champāran (optionally) and in South-West Shahabad he is called गाँड gonr, and north of the Ganges and to the south-east he is also known as कड़काँडा bharbhūnja. Parched grain is भूजा bhūnya, or in Shahabad भूजाना bhunyna. When it bursts in the parching it is called खावा lāwa or फ्रांडा phutha.



BRICK-ORUSHING MACHINE (DHENKI).

- 434. His parching-house is घोन-सार ghonsār or घोन-सारी ghonsār to the west, and also to the west of the North Gangetic tract, भन-सारी bhansārī In South-West Shahabad it is भरन्साँच bhansār The name कन-सार kansār or कनिसार kansār is current in East Tirhut and to the east of the South Gangetic tract, including Patna and Gaya. In Tirhut it is also कन-सारी kansār
- 435 The fireplace is चूल्हा chūlha in Tirhut and to the east of the South Gangetic tract, including Patna and Gaya; also भार bhār generally, and भनःसार bhansār north of the Ganges and in Gaya, and घोनःसार ghonsār in Sāran In South-West Shahabad it is भरःस्थ bharsān.
- 436. The place in front of the stove, on which the grain falls, is प्राप्त paruā in Shahabad and प्राप्त paruā in South Munger In Patna and South-East Tirhut it is पौर paur, in Gaya, South Bhagalpur, and North-West Tirhut पौरी paurā, and in Sāran and Champāran पारी pārī Another name more or less current north of the Ganges is चौतन्तर chautra.
- 437. The earthen pot in which the grain is parched is चापड khāpar or चपन्डा khapra when it is large with a wide mouth, and चपन्डी khapra when it is smaller. The latter is also called north of the Ganges कुछा kunda or कूँडा kūnra, to the west, and नौजा taula to the east
- 438. The iron spoon for taking out the hot sand is कलान्कुल kalchhul in Sāran and Champāran and South Munger, and कलान्कुला kalchhula in Patna and Gaya. In Shahabad it is कल्लुक kaluchh or (in the south-west) कल्लुक kalus. In South-East Tirhut it is सर्विधा sarahiya. In South-East Bihār it is called उन्ने dabbu. When made of earth with a bamboo handle it is called उन्ने dhakni north of the Ganges and in South Munger, or सर्वा sarwa in North-East Tirhut.
- 439 The flat wood stirrer is called देविला dabila to the west. In North Tirhut it is द्विश dabiya, and in South-East Tirhut दाव dab, and in Gaya कुद्ध kurūr. A kind of broom made of four or five reeds tied together is आद jhāru (Patna and Gaya), गुंजानाठी bhunjnāthi or बोइनी borhni to the south-east, बढ़ानी barhni to the east generally, जराना larna or खाइनि lārani in North-East Tirhut, विषानी chhipni in South-East Tirhut, and चढ़ीनी chalauni north of the Ganges.
- 440. The sieve is चलनी chalm generally, but चलना chalma in South-West Shahabad and चालनि chālam in East Tirhut. To the west it is also भरना shanna, and also in South-East Tirhut स्प sūp

- 441. The poker is खोराना khorna or खोरानी khorni north of the Ganges and in South Bhagalpur and South Munger; elsewhere south of the Ganges it is खोड़ाना khorna or खोड़ानी khorni. In South-East Tirhut and Champāran it is खोरानाडी khornāthi.
- 442. The basket for the grain is north of the Ganges होरा daura or दोरी dauri. South of the Ganges we have बटारी batri in Patna, मोनी mauni or मोनिया mauniya in Gaya and South Munger, भोनी bhaunki in Shahabad, and डिजया daliya in Champāran and South Bhagalpur. In Champāran and Gaya the चन-घर-वर satgharwa, and in South Munger the चाँड chānr, is an earthen vessel with seven or more divisions for various kinds of grain, and in South-East Tirhut a चेटानी baithki is a similar one with four divisions, and खना chhanna one with six. को हा koha or केटिया kantiya in North-East and South-West Tirhut, and करावा karwa in Champāran, are earthen pots for grain, and कटारा kathra in Patna and Gaya, or कटीनी kathauti elsewhere south of the Ganges, is a wooden pan.
- 443. The grindstone is जाँना jānta or (in South-West Shahabad) जाँन jānt. Its axle is निका killa or (in South-East Tirhut) की ज kīl, and it is made to revolve by a handle, which is इयारा or इयादा hathra generally, and जूषा jūa to the west, also दायर in South-East Tirhut.
- 444. The wages in grain paid to the grain-parcher is भार bhār, or in South Bhagalpur भारो bhāro, as in the proverb जो जरि गेख, भार खा बास्ड हो jau jari gel, bhār la bānhal chhi,—the grain-parcher has burnt my barley and has tied me up for his fee (adding insult to injury). The quantity of grain parched at one time is धानी ghāni.

CHAPTER V .- THE BAKER.

- 445.. The baker is generally नानः नाइ nānbār, with a local variant समस्माह nanbār in Shahabad. In Gaya he is नानः पण nānpaj. He is also called रोडीवासा rotīwāla. He is proverbially a rude fellow, and नानन्याइ के स्थिता nanbār ke khinga is popularly used to mean a stout rude fellow.
 - 446. He uses an oven, तनूर tanur or तंदूर tandur.
- 447. His roasting-spit is south of the Ganges साँख sīnkh, and elsewhere सीक sīkh. In North-East Tirhut it is also साँक sīnk. This is fixed on supports, which are स्का hichchha to the west of the North Gangetic tract and in Patna, and कवाब दानी kawāb dāni in South-East

Tirhut, Shahabad, and South Bhagalpur. In Gaya they are चक्क chakkas.

- 448. The boiling-pot is देग-ची or डेग-ची degchi. South of the Ganges and to the west it is also called पतीसी patīli when made of earthenware.
- 449. The cup is रिकाबी rikābi, the saucer रिकाबी rikābi or कटोरा katora, and the wooden spoon डोइ dor, and also in East Tirhut चमच chamach or (to the west) चमाच chamach.
- 450. The large wooden stirrer is called कफन्स kaphcha in North Bihār, डोचा doä in North-East Tirhut, and डोगा donga in South Tirhut. In Patna it is डामा dābha, and elsewhere south of the Ganges डच्च् dabbu when made of iron, or कफन्मीर kaphgīr (west generally) when made of wood.
- 451. The cushion by which he places the cake on the side of the oven is रफीटा raphīda, or in North-East Tirhut गरी gaddi. The इसन्तगन्ना hushtagna is an iron bar hooked at the end, and the घरन्रा arra an iron bar flattened at the end. They are used in taking cakes out of the oven. The one is held in one hand, and the other in the other. The two together are called जोड़ी jori, or in Champāran कम्बी kansi.
- 452. The instrument for making ornamental marks on pastry is north of the Ganges साँचा sāncha; south of the Ganges it is चोकन chokan in Shahabad, चोकन्नी chokni in Patna, and elsewhere चोका choka.
 - 453. The खुरचनी khurachni is an implement for cleaning vessels.

'CHAPTER VI.-THE CONFECTIONER.

- 454. The confectioner is सञ्जाद haluār in North, and सज्जाद haluār in South Bihār. His fireplace is चूल्हा chūlha, and also in Champāran and South Munger मही bhatthi, of which the stoke-hole is मुंद munh, and also in Gaya and South-West Shahabad दुवार duār.
- 455. His open cauldron is कड़ाही karāhi generally, also कड़ाहा karhāi or नावा tāwa in Gaya. Of this the handles are उट्छी danti, कड़ा kara, or कज्ञा kanna, with a variant कड़िया kariya in South Munger.
- 456. The skimmer is भराना jharna in Patna, the north-west, and East Tirhut, जनीय chanauta generally north of the Ganges, पौना pauna in the north-west, Tirhut, and south of the Ganges. In Patna it is

- also पौनिया pauniya, in South Bhagalpur चडी chatti, and in Gaya, South Munger, and Sāran सँगानरा jhanjhra. The large stirrer is केंचीचा keoncha, and the small stirrer कोजन्मी chholni. In Champāran and North Tirhut it is also खुरन्पी khurpi, and in South Bhagalpur खुरन्यनी khurchani.
- 457. The wooden rolling-pin is बेखाना belna, which is worked on a paste-board. This latter is called चकाना chakla when it is round, and चौकी chauki or पटन्दा patra when it is oblong. Other names are तकाता takhta (North-East Tirhut), पिविद्या pirhiya (Gaya and South Bhagalpur), and पौदा pirha (Gaya and South Munger). The pestle for beating the dough is दावा dāba, (South-West Shahabad) दावी dābi, or (North-East Tirhut) दाव dāb. Other names are गुरन्दम gurdam or मुम्द musad (Champāran), द्यार्टन daptan (Patna), and मुंगन्दा mungra (South Bhagalpur).
- 458. The spoon is কল্ডন্ত kalchhul or in North-East Tirhut কৰ্ছ karuch. The brass ladle with a wooden handle for removing the sugar from one vessel to another is ভৰু dabbu.
- 459. The wooden platter for sweets is নিৰ্ভ্য girda north of the Ganges and in Shahabad, ভাৰত্বা khoncha north of the Ganges and in Gaya and South Munger, ভাৰত্বা khāncha in South Bhagalpur, and ভাৰা khāncha or ভাৰত্বা dagarna in Patna and Gaya.
- 460. The brass salver is खारी thāri generally, with local variants खरिया thariya in Shahabad and East Tirhut and थाज thāl in Champāran and East Tirhut. In Sāran and Tirhut it is also called कीपा chhāpa. The deep brass pan is परास parāt.
- 461. The sweetmeats are exposed on stands called तरीनी tarauni, local variants being तरीना tarauna in Champāran and South-East Tirhut and तरेनी taraini in Champāran. In South Bhagalpur they are टेबन्ती tekhti.
- 462. He has also a wooden basin, called कटन्रा kathra, कटन्यत kathwat, or कटोनी kathauti; a large ladle, डॉफ्न्री dohri; and a pair of scales, called generally तराजू tarāju, तराजु tarjui, or ठेकीरी tekauri. It is also टकीरी takauri in Tirhut and the west, and नराजा narja in Champāran.
- 463. इलुचार के दोकान, दादा के फतेंचा haluāi ke dokān, dāda ke phateha, is a well-known proverb. A phateha is a feast in honour of the dead, at which sweetmeats are given away for nothing. When a person wants to get a thing for nothing, which he has no right to expect, the proverb, which means 'a confectioner's shop is not my grandfather's funeral feast,' is said to him.

CHAPTER VII.—THE TOBACCO MANUFACTURER.

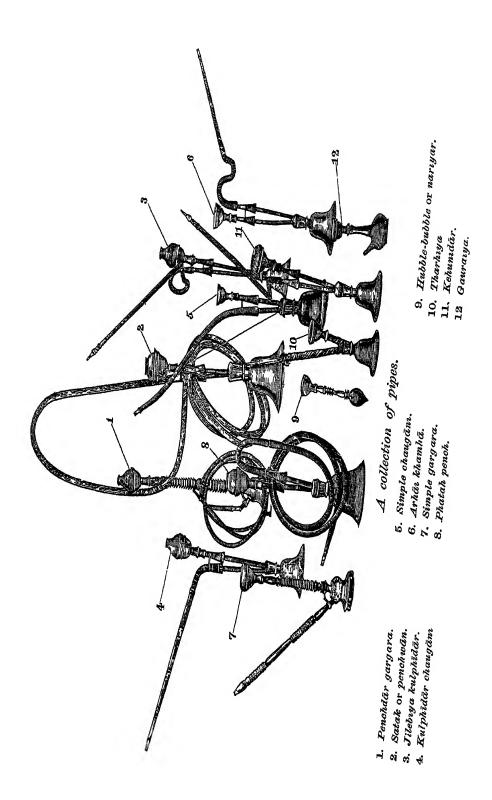
- 464. The tobacco-seller is तमानुवासा tamāku-wāla, तमानुभरोग्र tamāku-phārosh, or तमानुखनासा tamākul-bāla. He uses a crushing-lever, देंकी dhenki, with a peg, मूसर mūsar, सुसन्स musra, or समाउ samāth, fixed in it. It is supported on pillars, खूटा khūnta, खूटा khūnta, खूटा khuntā, or (in the west) जङ्ग jangha or जिल्ला janghiya, by an axis-pin, किसा killa or खाना akhauta. It falls on a hollow bed called खोखनी okhri or खोदनी okhli, on which the tobacco is placed. When the crushed tobacco is being removed, the beam is supported by a forked stick, which is called टेकनी tekni, टेकानी tekāni, or (in Shahabad) टेका theka or टकना thakwa, or in Sāran टेकना thekwa. In East Tirhut it is called टेकनी thekni or खड़नी algani, in Champāran खर्गनी argani, and in South Bhagalpur टॅगना thengna or उचन्तन uchkun. Sometimes a string, रसी rassi, is used for this purpose. An illustration of the similar crushing-lever used in pounding bricks will be found opposite § 431.
- 465. The fragments of tobacco are collected by a broom, काइ jhāru or बढ़ानी barhni, which is also called कूँची kūnchi or कूँचा kūncha towards the west and खरन्दरा kharhara in Patna. The tobacco is sprinkled with water from a water-pot, called पनन्दखा panhanda, इंडिया hanriya, कड़ाइरे karāhi, पियाचा piyāla, मटन्द्वरी matkuri. In East Tirhut it is called प्यन्ता athrā.
- 466. The balls of manufactured tobacco are generally पिल्ला pilanda or बाँचा dhōndha. Other names are जोड्या lohiya (Champāran), बोला gola (Sāran and the East), जोंदा londa (South Munger and North-West Tirhut), जिही litti in Patna and South Munger, and पिजा pinda in Shahabad. दिवारी tikri are smaller balls.
- 467. In a tobacco shop the broad flat metal plates are, north of the Ganges, सेनी seni, and south of it खानन्या khāncha or खोनन्या khoncha. The tobacco-pots are भाँड़ा bhānra, चर्चा charua, or चर्दे charui. The cloth covering the stand for the vessels is खर्चा kharua, भाँप jhāmp, or परन्दा parda, and the board on which the tobacco is mixed is पटन्दा patra or पौड़ा pīrha. When of stone it is पटिचा patiya. Instead of पौड़ा pīrha, पिड़िया pirhiya or तखन्ता takhta may be used.
- 468. Among the spices used in manufacturing tobacco are जटा मची jata masi, इन्डीचा chharīla, सुगन्द वाला sugand wāla, and सुगन्द कोकिना sugand kokila. Plain tobacco is called सादा sāda, that which is spiced or scented खँबीरा khambīra or बमीरा khamīra, and a mixture of the two दोरस doras or दोरसा dornsa.

CHAPTER VIII.—THE PIPE-MAKER.

- 469. The maker of gurguris (vide post), who is a कसेरा kasera or brazier, uses a kind of lathe, which is called खराइ kharād. Of this खूटा khūnta, or in South Bhagalpur कुन्द kund, is the block which holds one end of the stem as it is being turned. In it is fixed an iron spike called गूज gūnj. परनी pharhi is a piece of iron which keeps the stem in its place as it is being turned, and बचेजी bagheli, or in South Bhagalpur बचेजा baghaila, is a piece of wood through a hole in which the stem is passed during the operation.
- 470. The workman uses the revolving awl, बरन्मा barma, moved by a bow, कमानी kamāni, of which the string is तसन्मा tasma, डोरी dori, or जोती joti; a broad chisel, चौरन्मा chaursa, and a narrow gouge, बचरनी naharni, or in South Bhagalpur नेइनी nehni; an adze, वसुज्ञा basula; a small saw, चारी āri; a knife, क्रूरी chhūri; and files, रेती reti.
- 471. The maker of hubble-bubbles (नरियरन्वाजा nariyarwāla) uses a रेती reti (of which the point is हूर $h\bar{u}r$), खारी $\bar{a}ri$, बरन्मा barma, and गाज grj.

472. The pipe (sat hukka) is of various kinds—

- (1) The निर्मा nariyar or नरियास nariyal, which is the ordinary country hubble-bubble, in which the mouth is applied to the cocoanut itself. It is smoked principally by Hindus. Of this the stem bearing the bowl for burning the tobacco is नीता bota or गहा gatta. The short smoking-stem sometimes applied to the cocoanut, to save the hands from being blackened, is निगासी nigāli or नर nar. The bowl is चिस्ता chillam or चिस्ता chilam. In South Bhagalpur पौगी pongi is a temporary pipe made of the leaf of a tree. In South-West Shahabad इसी dammi is a wooden pipe used by travellers, and इसन्दर्भासा damdamācha a pipe used by women.
- 473. (2) The other kinds stand on the ground, and are more or less similar to each other in shape. The general name is युड़-गुड़ी gurguri when the smoking stem is joined to a tube rising from the brass bowl, and गड़-गड़ा gargara when it issues directly from the brass bowl. They are generally made of metal or earth. Another name is परसी pharsi. The tube arrangement for carrying the



bowl is the same in principle as in the coccanut kind. The difference is in the smoking-stems (नैचा naicha).

Of these there are-

- (a) कुल-फीट्र kulphīdār, that with joints (कुल-फी kulphi), allowing the mouth-piece to be moved in any direction. A केडनीट्र कुल-फी kehanidār kulphi is a joint like an elbow, and a जिले विया कुल-फी jilebiya kulphi is a twisted joint.
- (b) चड़ाइ खन्हा arhāi khamha, that with two large bends and one small one.
- (c) डेड खन्डा derh khamha, that with two bends.
- (d) তরিয়া tharhiya or তরিয়া thariya, with a short straight stem—used only by poor Masalmāns.
- (e) चौगानी chaugāni, the simplest kind—used by the poor.
- (f) गौरैया gauraiya, a simple kind, made of pottery.
- (g) जटक latak, which bends downwards.
- (h) ছম্বাং chhalledār, ornamented with gold or silver rings (ছম্বা chhalla).
- (i) सटक satak, पेचन्वान pechwan, पेंचदार penchdar, or फतइ पेंच phatah pench, are various kinds with the long, snake-like, flexible tube.

CHAPTER IX .- THE PIPE-STEM MAKER.

- 474. The pipe-stem maker (नैचाबन्द naichāband or नैचाबन naichāban) uses an awl, गज gaj or (in Patna) चौंख sīnkh; a polishing-knife, कूरी chhūri; a pair of scissors, कैंची kainchi or सेकन्राज mekrāj; a saw, चारी āri; and a pair of tweezers, सोचन्ना mochna. He also uses तरम्बा tarla or reed, and चीन chīn (Panicum miliaceum), a superior kind which comes from Sylhet.
- 475. For making the longest snake-like stems, पेचन्यान pechwān, a board (नखन्ता takhta), a string (डोरी dori), and a mould (काखिन kālib), are also used. The embroidered work on a pipe-stem is called in South Bhagalpur पानन्दार pāndār or मोरसा morassa. The silk work on it is चराचर sarāsar or भरावट bharāwat, the flowered silk work on it चूटी būti, the silver work on it चुन्यों alphi, and the ornamental cloth work, उत्तर चीन ulti chīn.

CHAPTER X.-THE COTTON-CARDER.

- 476. The cotton-earder is धुनियाँ dhuniyān. For a description of him and his instruments, see § 334 and ff.
- 477. In addition may be mentioned the पटःकन patkan, which is an instrument for teasing cotton. It is also called गण gaj in Tirhut, Shahabad, Gaya, and South Bhagalpur, and पाटी sāti in Champāran and Shahabad. The पटःका phatka or पटःकी phatki is a simple bow used by village women for carding cotton.
- 478. A lion once met a cotton-carder in the forest, and seeing his carding-bow, mistook him for a hunter. To avoid being killed, the lion addressed him दाये घर्डी कान्दे बान, कर्षों चले दिसी एक नाम hāthe dhanuhi kānhe bān, kahān chale Dilli Sultān,—with bow in hand and arrow on shoulder, where is the emperor of Delhi going? The cotton-carder was equally frightened, but at length mustered courage to reply दन में एक नाम में खाना बड़े के बात बड़े पद चाना bun men rahna, ban men khāna, bare ke bāt bare pahchāna,—although he live and eat in the forest, only a gentleman can recognise a gentleman. These sayings have passed into proverbs, the meaning of which is obvious.

CHAPTER XI. -THE SHOE-MAKER.

- 479. The shoe-maker is मोची mochi or मोची monchi in cities, and चमार chamār in the country. Among his tools are—
- 480. The thick iron pounder for joining the edges of two pieces of leather which have been previously smeared with paste, which is लोहिया lohiya north of the Ganges generally, also चहींगा lahaunga to the west of that tract, and पिटन्ना pitna in North-East Tirhut. In Patna, Gaya, and South-West Shahabad it is लोहजा lohanga, and in the rest of Shahabad and in South Bhagalpur it is लोहजा lehonga or दिपना tipna. In South Munger it is लिंगन्डा singtha. The paste used is लेह lei, or to the south-east करे laī. In South-East Tirhut it is खरी khari. जनम lasam is a similar paste made of pounded boiled rice.
- 481. The knife for scraping the surface of the leather is in North-West Bihār रॉपी rāmpi or राषी rāpi. In Tirhut, the west, and South-East Bihār it is also खुरन्पी khurpi. In Gaya it is खुरन्पा khurpa, and in Patna रमा rampa.
- 482. The large aw/ is सुतारी sutāri, with a variant सुतासी sutāli in Gaya. To the east it is also स्रोबर lokhar, in Champāran स्रोहरू

lāhkhar, and in South-East Tirhut चार ār. The awl with a hook at the end for sewing is कटरनी katarni. In South Bhagalpur it is टकाना takna, and in South Munger टिप्रनी tipuni. The medium-sized awl is मैंकी चा manjhola or मैंकी ची manjholi.

- 483. The horn for grease is terst singa; south of the Ganges, it is also ters singh.
- 484. The last is फरन्मा pharma or (north of the Ganges and the South-East) कचन्त्र kalbūt; south of the Ganges it is also, in Gaya, कांचन्त्र kālbūd, and कचन्त्र kalbūd elsewhere.
- 485. The wedges of wood or leather fastened to the last to make it fit are परन्तरा partaha (also in South Munger), or परन्तरा partaha in Shahabad, and पत्री pachchi in the south-west of the same district. In South Munger they are कपन्छेरी kapchheri.
- 486. The chisel for paring the edges of the sole is खुरापी khurpi The sort of wooden chisel for smoothing the surface of the leather is बँगा beinga to the east, बेऊंगा beinga north of the Ganges, or बेबॉगा beinga or बेबॉगी beingi elsewhere south of it. In South Bhagalpur it is पेखन pelan.
- 487. A wooden block for beating the leather is चाँमर hāmmar in South Munger and Gaya and घामँड ghāmanr in South-West Shahabad. The block on which the leather is cut is पिहिचा pirhiya, or in South Bhagalpur चिमा silla, and in Sāran पिरन्ही pirhi.

CHAPTER XII.-THE BLANKET-WEAVER.

- 488. The blanket-weaver is गड़ेड़ी gareri south of the Ganges and मेडिडर bhenrihar north of the Ganges; also in East Tirhut महड़ marar.
- 489. He uses a simple loom. The stick on which the blanket is wound as it is woven is चोचर okhar south of the Ganges. North of the Ganges it is चिंकाय sinjoy, also चिंका sinjo in Tirhut and कमन्दर kamhar in Champāran. The supports for this beam are खुद्दो khutti, खूँडी khūnti, or (in Gaya and East Tirhut) खूँडा khūntā. In South-East Tirhut they are also गांची gāli and गंधी galli or गांचियारी galiyāri in Champāran. In Shahabad the left support is called बरानी barni, and the right hand one गांची gāli. In the same district the support furthest in front of him is पूरा dhūra, and in Champāran पूर dhūi.
- 490. The beam to which the web is fastened at the opposite end rom the weaver is बोचारी ohāri. बँ ben or बँव benw is a wooden imple-

ment which is passed between the thread of the web to drive tight each thread of the woof. In South-East Tirhut it is also called **var** hatha.

- 491. The movable sticks placed at intervals to separate the threads of the web are तगर्थरी tagdhari in Tirhut and Sāran and वेंबर bailat elsewhere, except वेंबर bailath in Shahabad and बरत barat in Champāran.
- 492. The heddles, or implement for alternately raising and depressing the threads of the web, are चपन्नी chapni; also in South-West Tirbut भड़ी phatthi.
- 493. The wooden scraper for removing knots or excrescences from the thread is বিভাবেনা khikhorna or বিভাবেনী khikhorni north of the Ganges, also বিভাবেনা khidhorna in Champāran. In Patna it is বিভাবেনা khilorna, and elsewhere south of the Ganges বিভাবেনা khilorna.
- 494. The thick iron needle is स्था sūa, or in South Munger स्का sūj. The shuttle is चरानाँ sargān in South Munger and north of the Ganges, and भेरङ्ग serang or चर्डा seranga south of it.
- 495. In Sāran and South-West Tirhut the भाँड़ी bhānri is a thick bamboo which is placed between the two threads of the warp. In Champāran it is चाचन sāsat, in South-East Tirhut चाँचर sānsar, elsewhere south of the Ganges चाँचन sānsat, and elsewhere चाँगा chonga.

CHAPTER XIII.—THE FANCY SILK OR FRINGE-MAKER.

- 496. This man is called परन्वा patwa or परन्हेरा pathera. In Sāran he is called परन्हेरी patheri.
- 497. He uses the कत-रा katra or कत-सा katla, a piece of wood with four holes, in which four threads are fixed for winding.
- 498. The wooden reel furnished with a handle is चटानी batni generally. The small wooden reel is चारी anti or चरख charakh. An optional local name is गई। gatti in South-West Shahabad. गोजी goli, or in Tirhut and South Munger पंचक pechak, is a ball of thread. The winding-stick is नीजी tili in Patna, नेजन belan in Shahabad, and चटाँइ latāin in North-West Bihār.
- 499. His scissors are কাঁবী kainchi. The coarse needle for smoothing roughnesses in thread is ব্যাহ salāi, also হনুষা takua in East Tirhut, and ইনুষা tekua in Champāran. The ivory smoother is নতাৰ mathār,

or in Sāran सठराना matharna. The large darning-needle is सूचा sūa. The fine needle is सूद्रे sūi, also नन-सुद्धिया nannuhiya.

- 500. The iron hook with a ring which goes round the toe is अंकुरा or अंकुड़ा ankura, also अंकुड़ा ankusa and अंकुड़ी ankusi in Gaya and North-East Tirhut. This hook is supported on a stand called यून् thūnu in Patna, यौना thauna in Gaya, यक्षा thalla in South-West Shahabad, यौना dhauna in the rest of the district, and यम tham to the east generally.
- 501. The drum off which the thread is wound is परेता pareta, परन्ता parta, or परन्ती parti in North-West Bihār. The bamboo frame on which the thread is wound is नटन्ता natwa or चटन्ता latwa. In Patna it is नटाइ natāi, and in Gaya and the South-East नटन्ता netwa.

CHAPTER XIV.—THE EMBROIDERER.

- 502. The embroiderer is जरन्दोज jardoj or (south of the Ganges) कारन्दोबी बाला kārchobiwāla, and he makes embroidery (कारन्दोबी kārchobi) on the कारन्दोब kārchob or embroidery-frame, on which the work is stretched. This frame is rectangular; and of the parallel pairs of sides, one pair is called (in Patna) चमन्दिर samser or (in Gaya and the west) चमन्दिर samserak, and the other नीली tīli in Patna, फरद pharad in Gaya and Sāran, and पही patti in Shahabad.
- 503. The small needle is स्ट्रे sūï, and the sewing-awl स्तेमान sutemān north of the Ganges, स्तःचान sutwān in Gaya and Shahabad, स्था sūa or बहि स्ट्रे bari sūï in Patna, Gaya, and South Munger.

CHAPTER XV.-THE DYER.

- 504. The dyer is रॅगन्रेज rangrej, in opposition to the रॅगन्सज rangsāj or painter. In North-West Bihār he is called रॅगन्रेजी rangreji.*
- 505. He uses a vat or pot sunk in the ground for his dyes. This is called north of the Ganges साट māt. In Patna it is साँट mānt, and to the east साट māth. In Shahabad it is खाँड chhonr, and in the south-west of the district कुछा kunda. In Gaya and East Tirhut it is कुँड kunr, and in South Bhagalpur and East Tirhut गोडी goli.

^{*} This word is often confounded with the word चॅगरेजी Angreji 'English;' and in jest, or when speaking facetiously, the English in India are called रॅगरेज rangrej, or 'dyers.'

- 506. His half-round pot is অ্থানো athra or নাৰ nād north of the Ganges, in Shahabad, and South Munger. In South-East Tirhut and South Munger it is also called করাহী karāhi. In Patna and Gaya it is হাঁড়ী hānri, and in South Bhagalpur কর্তহার karhāi.
- 507. The wooden filter-frame on which the cloth is hung like a bag with the dye inside is माँजी mānji or मही manji generally. In South-West Tirhut it is निरुद्धा mirla, in North-East Tirhut भोरी jhori, in Gaya माँभी mānjhi, and in South Bhagalpur चम्मज chammal. The string tied to the cloth is क्यन kasan, and the cloth with the dye inside it in South Munger and Patna फ्रजारना phulgarna.
- 508. The stirring-stick for mixing the dyes is इन्ही dands, or in South Munger इन्हा danta, in South Bhagalpur देखनी tekhti, and in North-East Tirhut सर्वा larna.

CHAPTER XVI.—THE WOOD-PAINTER.

509. The wood-painter is रंग-साज rangsāj, as distinct from the रंगरेज rangrej or dyer. He uses two kinds of paints—one सस्य astar, which is a paste made up with chalk and gum, and the other रोगन rogan, which is made up with resin and oil.

CHAPTER XVII.-THE TIN-MAN.

- 510. The tin-man (कहार kalaiqar) uses a bellows, called भाषी bhāthi south of the Ganges and in East Tirhut; elsewhere it is called घोकनी dhaukni. Another name current south of the Ganges is एकः इसू भाषी ekhatthu bhāthi. The two sticks used as handles are north of the Ganges and in South Munger इसी hatthi or इसू hatthū, and south of it, and also in Tirhut, इस्टा danta. In South-East Tirhut they are also इसा hattha. The bamboo pipe is चौजा chonga, also in North-West Tirhut करोचा naraua, in Gaya and Shahabad नराज narāūn, and in South Bhagalpur चौजी chongi.
- 511. The solder is राँगा rānga, and the soldering-iron केशा kaiya. He also uses cotton-wool, करं rui, and pincers, चर्ज्यो sarsi or चँड्ज्यो sanrsi. The दिकःदा thikra or खोरिया khoriya is the flat tile for melting the solder.
- 512. The tin-cutter is कैंची kainchi, and he also uses the small hammer, उद्योरी hathauri, and the compasses परन्कास parkāl. The tin-scraper is नेइन्नी nehni or स्वासनी lehni; also खुरन्तुनी khurchuni in South Bhagalpur.

513. The सवस्ता sabra, सवसी sabri, or (in South Bhagalpur) चावख sābal, is a small kind of anvil, made of a bent piece of iron, with one end pointed and stuck in the ground.

CHAPTER XVIII.—THE JEWELLER.

- 514. The jeweller is चौनार sonār, or in Gaya चौनी soni. In Champāran and North-West Tirhut he is चौननगढ़चा चौनार songarhua sonār.
- 515. Amongst his implements are the tongs, which are चँड्न्सा saursa or सँड्न्सो sanrsi.
- 516. The pincers have various names. Large pincers are चिमन्दा chimta in South-West Tirhut, also चेडूना sehuna generally to the west; चोइना sohna to the east and in Gaya, and चूँटा chūnta in Patna. Smaller ones are चिमन्दी chimti, चंइनी sehuni, चोइनी sohni, or चूँटी chūnti. Another kind is गइचा gahua, which are the large pincers. Nippers are गइदे gahuü, or in South Bhagalpur गइची gahuli. The कार्युदी kagmuhīn are nippers twisted at the head for holding the crucible in the fire. These may also be called चार्युद्धी bagsanrsi in North-West Bihār and वगर्युद्धी bagmuhīn in Tirhut and Champāran.
- 517. The जमूरा jamūra or जमूरी jamūri are wire drawing-pincers, and the perforated wire plate is जन्मी jantri south of the Ganges, in North-West Bihār, and East Tirhut, जैंदी jaintri north of the Ganges generally, and जनगरी jatri in Champāran and North-East Tirhut.
- 518. The iron needle-shaped tool for making links of chains is देन्नी tekuli to the north-west, दनुषा takua to the east and south-west, दनुषा tekua in Saran, Patna, and Gaya, and देन्नी tekuri in South Bhagalpur.
- 519. The compasses are परःकाल parkāl or कम्पास kampās, or in South-West Shahabad चलाँकी chalānki.
- 520. The chisel with a round knob for embossing circular ornamentation is बस्तन्त्री khalni, or in Tirhut खोसनी kholni.
- 521. The cold chisel is देनी chheni, and a smaller variety is कसम kalam south of the Ganges.
- 522. The cutters are केंची kainchi, and also to the south, except Patna, कतरानी katarni.
- 523. Amongst hammers दशौरा or इशौड़ा hathaura is the largest. The medium-sized is मरिया or महिया mariya, with a variant मरेश mareya in North-East Tirhut; in Gaya it is मटरानी matharni. The smallest

- is गोल-मुचाँ golmuhān or गोल-मुचाँ golmuhīn; another name is खोज-मरिया kholmariya in East Tirhut.
- 524. The small pointed anuil is चमन्दान samdān. The curved anvil is प्रकारत ekwāi, or in East Tirhut प्रकान ekābe.
- 525. The bell-metal anvil sunk with several depressions for making repoussé work is कंद्रजा kansula in North-West Bihār, कंदरजा kansula in South Tirhut, कॉर्यजा kānsula in South Tirhut, कॉर्यजा kānsula in South-West Bihār, and क्यन्जा kasla in South Bhagalpur and South Munger.
- 526. The square-headed anvil is निचाइ nihāi, or in Champāran and North-East Tirhut नेचाप nehaë, and नचाइ nahāi in South-East Tirhut. In South Bhagalpur it is चिचाइ lihāi.
- 527. The anvil blocks sunk in the ground are चारा chāha in Sāran and South-West Shahabad. In Champāran and West Tirhut they are देश theha. In Shahabad they are एक उटा ektha. In Patna, Gaya, and Tirhut they are प्राविध parkath, and in South-East Tirhut also प्राविध piryithi.
 - 528. The blow-pipe is दक्त-नार baknār, or in Sāran बक-नल baknal.
- 529. The hollow cane for blowing up the fire is नरी nari, with local variants नारी nāri in Gaya, जारी lāri in North-East Tirhut and South Bhagalpur. In South-East Tirhut it is optionally फुकाटी phukāthi. The fireplace is जीटा angaitha north of the Ganges and जीटा angetha south of it. Another name for this last is बोरची borsi. The fan for blowing up the fire is पहा pankha or पहा pankhi; also in South-West Shahabad it is बेनियाँ beniyān. In North-East Tirhut मही bhatti is the dry powdered earth used for cooling the hot metal.
- 530. The small clay crucible is चड़िया or चरिया yhariya. It is made of a mixture of clay and rags called in Shahabad कॅपन्रीट kampraut, and in Champāran कपन्रीट kapraut.
- 531. An ingot not beaten out is कासी kāmi, or in Gaya एकःबाइ ekwāi. In Sāran it is खद्धा thakka, in Champāran and North-West Tirhut इस्ता chhalki, South-East Tirhut ग्री gaddi or थोक thak (also in South Munger), in South Bhagalpur थोक thauk, and in Tirhut generally except the north-west दिखानी chhilki. A block of silver beaten out flat is वीराधा chaursa.
- 532. The iron ingot mould is परन्मसन्ती pargahni to the west and परन्यती parghani in Patna and Gaya. In East Tirhut it is ढारा dhāra, in Sāran कम ढारा kam dhāra, and in South Bhagalpur नासी nāli.

- 533. The moulds of various sizes into which metal is beaten are कट-किरा katkira north of the Ganges, कट-किरा kathkira south of it to the east, उसा thassa in Sarān, and उसा thappa in Gaya and Shahabad. In Shahabad similar moulds are बस्का bahka, स्वर्धिया laheriya, गोसन्त्र gokhlu (also in South Bhagalpur), and मोतिया motiya. To the west रस्टन्यार rahatwār is a mould in which round articles are beaten into shape, and गुँजरी gunjri is a similar smaller one. In the same tract पगन्दी उसा pagri thasa are milling moulds, such as those in which the edge is given to a rupee. These last are called in South Bhagalpur खोरा विश्ली khīra bichchi, वाँच bānh, or पगन्दा pagra.
- 534. Pattern stamps for ornaments are হাঁৰা thonsa in Shahabad, হাৰা thāsa in Gaya and South Bhagalpur, হাঁৰ thāns in Patna, and হাৰা chhāpa in South-West Shahabad and South Munger.
- 535. The करोरी katori is a box or cup for holding scraps of silver. In North-East Tirhut it is called दिवस dibiya, and in Tirhut and to the east सित्ता situha or रॅगेस्टरी rangehri.
- 536. The polishing-brush is बरींकी baraunchhi. In South-East Tirhut it is also called कुची kuchchi. The polishing stone is चोपन्नी opni or पोन pot.
- 537. The touch-stone is करोटी kasauti. A jeweller's wages is गड़ाइ garhāï.

CHAPTER XIX.—THE LAPIDARY.

- 538. The lapidary is इवाक hakkāk, or in South Bhagalpur नोचानी को बाद mohli lohār, and he uses a revolving grindstone or चान sān or in Shahabad चकर चान chakar sān, made of corundum powder and lac. The bow for turning this is कमाना kamāna or (to the west) कमानी kamāni. Its props are खूँटा khunta, देवाची dewāli, or प्रकटा ektha. Its wooden axle is चाँचा sānkha in Patna and Gaya, खदू lattu in Shahabad, and कुन kūn to the east.
- 539. The agate burnishers are चाँडा ghonta, and the round ones चिन्नी silli; the pincers, चूँडी chūnti in Tirhut, Patna, Gaya, and the east, चिन्नाडा chimta in Sāran, and चेडनी sehuni in Shahabad; the iron graver is चन्नाइ salāi; the cutters, केंची kainchi; the small hammer, च्योरी hathauri; the anvil, निचाइ nihāi; the pincers, चेंड्नची sanrsi; and the revolving awl जिन्ना सान jilā sān or चर सान khar sān.

CHAPTER XX.—THE SEAL-MAKER.

- 540. The seal-maker is सोइरन्कन moharkan, and he uses a machine called a चरख charakh, of which the principal portion is a revolving awl, बरना barma.
- 541. The hammer which he uses is मथानी mathni or मिर्श mariya; the stone to which the metal to be engraved is fastened is देसा dhema; and the diamond pen is कलम kalam.

CHAPTER XXI.—THE GOLD-WASHER.

- 542. The gold-washer is called नियरिया niyariya or नियारिया niyāriya north of the Ganges and in Patna; elsewhere south of the Ganges he is called चनन्चीचा sandhoa, and South Bhagalpur नियार घोचा niyār dhoa.
- 543. He uses the कटरा kathra or wooden pan for washing the ashes of jewellers' shops. Another name current in Patna and Gaya is कटोनी kathauti. The ashes are नियारा niyāra or नेपारा neāra, and they are collected by a scraper, खुरन्पा khurpa, and a broom, कूँची kūnchi or युटा mūtha. South of the Ganges the पखरी pakhuri is an iron instrument for collecting the ashes.
- 544. His sifting-pan is ছহন chhattan, or in Patna and Gaya তম্বনা dhakna. In South Bhagalpur it is ভীত্য chauhatta.
- 545. His bellows are भाषी bhāthi; his blow-pipe, बकानार baknār, or in Shahabad बकानस baknal; and the earthen pipe of the vessel which remains in the fire, सुसन्ता susua north of the Ganges and सूँसा sūnsa south of it. In Sāran it is also नरीचा naraua.
- 546. His pincers are चँड़ सी sanrsi, or in North-West Tirhut सनस्प sansa; and the iron stirrer सैंक sīnk north of the Ganges and सींख sīnkh south of it. Another name for the latter is ससाद salāi in North-West Bihār.
- 547. The earthen crucible is घड़िया or घरिया ghariya, also डीव dib in Patna and Gaya and घड़ा adda in South Bhagalpur. These crucibles are of two kinds: the first only destroys the dirt, leaving all the metals behind, and is called चग-सोटी baglauti. The second destroys all the baser metals left by the first, and leaves only the gold and silver untouched. It is called पुन-इन punhar.

CHAPTER XXII,-THE BRAZIER.

- 548. The brazier is उठेरा thathera, but in Shahabad he is also called करेरा kasera, which properly means a brass-founder. In North-East Tirhut he is उठेरि thatheri. He is famous for his powers of swindling, as in the proverb उठेरि उठेरि वर्ष वर्षा दोष thatheri thatheri nahın badla hoy,—braziers don't traffic with each other (for if they did, it would be diamond cut diamond).
- 549. He uses the निहाद nihār or नेहाए nehāë, or anvil. In East Tirhut this is also called हाए lehāe, and in Patna, Gaya, and South-West Shahabad पश्च pathal. The समन्दान samdān is the pointed anvil, which is also called in Gaya and Shahabad एक वाद ekwār. The सकरा sabra or, in the south-east साहर sābar, is an anvil round at the top. The circular anvil for shaping the mouth of a vessel is सोका chauka south of the Ganges and वग्र अस्वा bagalbharua north of it. South of the Ganges the गोह्या geriya (Gaya) or दुगोही dugori (west) is a sort of wooden anvil or block. The गोही सकरी goli sabri is a kind of anvil for pushing up any indentations. In South Bhagalpur it is called गोहासाद golsābar. The खराने kharue, or in Shahabad द्वारा dabtha, is a kind of anvil on which hollow vessels (गगरा gagra) are hammered out. It stands on the two-legged दुगोही dugori, also called खराड kharāt.
- 550. The cutters are केंची kainch, also कात kāt in Gaya and North Tirhut.
- 551. The stirrers are—(a) for stirring solder, कैया kaiya south of the Ganges and सराइ sarāi north of it; also सोपन lopan in East Tirhut: (b) the iron stirrer for mixing up the flux, पनन्देनी pandeni north of the Ganges and Gaya, पनेनी peneni in Shahabad, and पनन्कारी pankāthi (of wood) in South Bhagalpur.
- 552. The pincers are चनन्दी sansi or सँड्रन्दी sansi, also गड्ड्या gahua; the file रेती reti, and the hammers च्योरा hathaura or चयोरी hathauri, also मटन्ना mathna north of the Ganges and to the west, मरिया mariya in East Tirhut, and घन ghan in North-East Tirhut.
- 553. The vessel for holding the flux, चोचागा sohāga or पाप्रन pāën, is करोरी katori. In South Bhagalpur it is पनन्याचा panwāla.
- 554. The bellows are মাখী bhāthi; the crucible, ঘাইয়া or ঘাইয়া ghariya; the tongs, ঘনন্দী sansi; and the perforated cover for the crucible, ভাষা ohār north of the Ganges, South Munger, and South-West Shahabad; also সাঁঘ jhāmp in South-East Tirhut and South

Munger, भाँपन jhāmpan or भाँपना jhāmpna in Patna and Gaya, किपीना chhipauna elsewhere in Shahabad, and करन्दाद karhān or सुन्दन mundan to the east.

555. The mallet is मुँगन्दी mungri. The scales are तराजू tarāju or तराजू tarjūr. The polisher is को खन्नी chholni or के इन्नी lehni In South Munger it is also ने इन्नी nehni.

CHAPTER XXIII.-THE BRASS FOUNDER.

- 556. He is कसेरा kasera, and in Gaya also तन्हेड़ा tamhera.
- 557. He uses moulds of various kinds, called साँचा sāncha, or in Shahabad कामन्दरना kamdharna. His lathe is खराद kharād, or in Shahabad and South-East Bihār कुन्द kund. His large pincers are सँड्रमा sanrsa or सनन्मा sansā. His crucible घरिया gharıya, of which the mouth is मुँच munh. His broad chisel is चौरन्मा chaursa or चौरन्मी chaursi, also चूरनी lehni in Shahabad and देनी chheni in the south-west of the same district.

CHAPTER XXIV.--THE BRASS BANGLE-MAKER.

- 558. The brass (काँचा kānsa) bangle-maker (उडेरी thatheri or उडेरा thatherar) makes बाँची bānhi, which are brass bangles worn by the lower classes. To the east they are called बतियो batisi, and in South Bhagalpur बसी basti. When a number of these are worn, those at each end are called बन ban or (South-East Tirhut) कचारखी kachrukhi and (Sāran) कतारी katri. Of these the one highest up the arm is called खगुचा agua or खोला agela, and that nearest the hand, पहचा pachhua or पहेला pachhcla.
- 559. He uses the following implements. Variants of the names already given in other chapters will not be repeated here:—
- 560. नेहाय nehāy, the anvil; इद्योरी hathauri, the hammer; सँड्रभी sanrsi, the pincers; रेती reti, the file; हेनी chheni, the cold chisel; भाषी bhāthi, the bellows; घड़िया ghariya, the crucible; and ढाइर dhāra or साँचा sāncha, the mould, in which कामी kāmi is the orifice through which the molten alloy is poured.

CHAPTER XXV.—GLASS-MAKER AND GLASS BANGLE-MAKER.

561. These are the सीसा ढरेंबासा sīsā dharewāla or glass-manufacturer; the मिनसार manihār, who makes glass bangles; and the सरिसार

or मुड़िसार churihār or मुड़िया churiya, who makes the embossed ornaments on glass bangles.

- 562. Their furnace is called मही bhatthi, of which the opening through which the melted glass is removed is बारा bāra north of the Ganges, मोसन्दा mohra in Shahabad, and elsewhere दरन्वाजा darwāja. This is closed by a cover called चलन्वारी alwāri north of the Ganges and in South Munger, चोलन्वारी olwāri in South-West Shahabad, दपीना dhapauna in Shahabad, and elsewhere भएन्वा jhapna.
- 563. The earthen crucible is दिवर thikkar or दिवनरा thikra generally, also कड़ा ही karāhi in South-East Tirhut, and दिवनरा dibra in Patna and Shahabad.
- 564. The spoon for putting the glass into the crucible is करन्द्र warchhul. The iron hook for taking out the glass is जेंद्वरी ankuri or जेंद्वरा ankura in Patna and the west. चत्ररा akura in South-East Tirhut, इय चत्ररी hath akuri in South Tirhut, इय चत्ररी hath akuri in South Bhagalpur, and दरनी चत्ररी dharni akuri in Champāran. The instrument for turning the glass in the crucible is चत्ररा akura generally, and कचन्द्रचा kalchhula to the west.
- 565. The stone on which the ring is shaped is पत्यर patthar or पत्यस patthal north of the Ganges, and पयनरी pathri south of it. The mould with a handle for shaping the bangle is कांस्यून kālbūt north of the Ganges, and कल बुद kalbūd or साँचा sāncha south of it. The handle of this is सरकाडी sarkandi.
- 566. The long iron poker on which the glass is melted is सचान salāg; the flat iron instrument for shaping the ring is माजा māla; and the instrument for widening the ring to the required size बेघन्वार bedhwār in North-West Bihār, बघन्वारी badhwāri in Patna and South Tirhut, and बघरना badharna south of the Ganges. The कोटि बेघन्वारी chhoti bedhwārī, &c., or कोटि चकुरी chhoti akuri, is the instrument for taking the ring off the mould. In South Bhagalpur it is घरती gharanni.
- 567. Other instruments used by the glass bangle-maker are दिखन्दी tikhthi, which are bamboo slips for holding the bangles in the fire; पन्नी panni, leaves of solder; फोकाडी phokāthi (Gaya and South Bhagalpur), फोफी phonphi (West Tirhut and South-West Shahabad), or नरी nari (Patna, South Munger, Tirhut, and rest of Shahabad), which is the pipe for blowing up the fire; the जैनेडा angethā or जैनेडी angethi, which is the fireplace; and चुँडा chūnta (Shahabad), चुखा chunta (Tirhut, Gaya, and South Munger), चुँडी chūnti (South Bhagalpur), or चिमन्दा chimta (generally), which is the pincers.

- 568. In Shahabad a famous maker of glass bangle ornaments was one Samman Churiya. It is said that when boys he and a king were pupils in the same school, and each promised that on his marriage he would show the other his wife. Samman married first, and did so. When, however, the king married, he refused to carry out the agreement and show his wife to Samman. The latter thereupon disguised himself as a female bangle-maker, and, gaining admission to the female apartments, sold some ornaments to the queen in the presence of the king, who praised the workmanship, saying the bangles were like ivory ones. Next day the king began to boast of his high character, and how he would never allow his wife to be seen by an outside man, when he was interrupted by Samman reciting the following verse, which showed the other how he had been made a fool of:-सम्मन चुरिया ज गहेँ च्याँ इस्ती ने दन्त, बाँह पकड़ि रस खेत हैं, बैठे देखें कना Samman Churiya û garhen jyon hasti ke dant, banh pakari ras let hain. baithe dekhen kant,-Samman the bangle-embosser makes bangles like ivory. He held her by the arm, and had the pleasure (of seeing her) while her husband was sitting by.
- 569. The stamp for making embossed ornaments on the bangle is चाँचा sāncha (Tirhut and the south-east), करेजी कटःना karaili katna (Champāran), उपा thappa (South-West Shahabad), and ज्ञापा chhāpa (Tirhut and elsewhere in Shahabad). In Champāran and South-West Tirhut नोगर togar is an instrument for embossing.

CHAPTER XXVI.-THE LAC BANGLE-MAKER.

- 570. The lac (सास lākh or साद lāh) bangle-maker is सहरी lahers or सहरा lahera. He uses a block of wood with a handle, on which the bangles are fitted, which is called कुन्द kund; a सांचा sāncha, which is a brass mould for embossing ornaments; and a सुमन्ती chubhki (and also to the east सुमन्ती chubhti), which is an ivory mould for embossing. His bamboo pipe for blowing the fire is नारी nāri or नरि nari, also स्वाडी phukāthi or नारी lāri in South Bhagalpur and फलाडी phukhāthi in North-East Tirhut
- 571. A bangle, whether of glass or lac, is चूड़ी chūri. The latter variety is also called खडारी lahthi. Of these the thickest, or keeper, which prevents the thinner ones slipping over the hand, is कॅगानी kangni. The end bangles of a set are बद band, or in South Bhagalpur खराना larna, and the intermediate ones सुराकी surki, and in South Bhagalpur पदारा pahta.

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CHAPTER XXVII.—THE POTTER.

- 572. The potter is generally called कुन्दार kumhār or कुन्दरा kumhra; in the east he is also called पण्डित pandit, and in Patna and Gaya also परःजापन parjāpat. In Shahabad he is कुन्दार kunhār, and in the south-west of the district कोचार kohār. Concerning him there is a proverb, निचन चूते कुन्दरा, मिटिया नठ चे जाय चोर nichint sūte kumhra, mati, a na le jāy chor,—the potter sleeps secure, for no one will steal clay. His wife is known as कुन्दिन kumhaini or कुन्दरन kumhain, as in the roverb तेजी वेज जा कुन्दिन चित्त teli bail la kumhaini satti,—for the sake of the oilman's ox, the potter's wife has become suttee, i.e., she interests herself in other people's affairs.
- 573. His wheel is चाक chāk, which is turned by a stick, चकेट chakaith, or in North-East Tirhut करि chhari, on a peg, which is कीचा kīla or किया killa to the west, and खूँटी khūnti or खुड़ी khulti to the east. In South Bhagalpur it is, however, रिका silla.
- 574. The implement for mixing the clay is जेंद्र-सुर lehsur north of the Ganges and जदरसर lahsur south of the Ganges generally. In Shahabad it is कटनी katni, and in South Bhagalpur पादा patta.
- 575. The rammer for consolidating the clay is पौडन pētan when made of wood; when made of earthenware it is पौड़ pēnr north of the Ganges generally and in Shahabad, पिड़ीर pirhaur or पिंड्री pinrhuri in Patna, and पिंड्र pinrhur in Gaya. In South Bhagalpur it is पिनोरी pinauri. The clay is smoothed with an instrument called भिजीना milauna north of the Ganges and in South Munger, and also पजानी majni in South-East Tirhut and South Bhagalpur.
- 576. The moulds for shaping vessels are खारो athri generally. Other names are कटखार kathathri in Patna and करण्या karthari in South Bhagalpur. The pots when ready are severed from the wheel by a string called देवन chhewan; also दोनो chhauni in Patna and देवनो chhewni to the east. In South Bhagalpur it is देवनो chhewno. Another name is कमन्दी kamthi in North-West Tirhut. The चचा sancha or साँचा sāncha is a mould used in making tiles.
 - 577. The kiln is stat āwa.
- 578. The clay-pit has many names, viz. चूचाँ chūān (South-West Tirhut), खँडार khanrār (Patna), महिन्दान matikhān (West Tirhut, Gaya, and Shahabad), महन्दान matkhana (South-West Shahabad and Tirhut), सटन्दान matkhabha (South Bhagalpur), महन्दार matkor (Patna and South

Munger), and मिटियार matiyār (South-East Tirhut). Other names are को चँड़ागर kohanrgar in Sāran and मटाखम matkham in North-West Tirhut.

579. The earthen pot in which the water which the potter uses while making the vessel is kept is called चक्रनर chakwar in the north-west; also चयानी athwāni in North-West Tirhut, चयानी hathwāni in Gaya and South-East Tirhut, and करेड kudaith in South Munger. In South Bhagalpur it is चकोड़ी chakori or चयानी hathpāni.

CHAPTER XXVIII.—THE FIREWORK-MAKER.

- 580. The firework-maker is सातसन्दाज ātasbāj or सातसन्दाज atasbāj. In Shahabad and South Bhagalpur he is रवादसन्दाजा rawāiswāla. In South Bhagalpur गोंड़ी gonri is the name of a caste whose employment is to make fireworks.
- 581. He uses a grindstone, which is चन्नी chakki to the west and in South Bhagalpur, and जाँना jānta in Tirhut and to the east; also in East Tirhut चन्ननी chakri. In South-West Shahabad it is चिन्न sil.
- 582. His ramrod for ramming the powder is कसन्द्र kalbud generally, with a variant करावृत्त kalābūt in South-West Shahabad. In the rest of Shahabad it is सुन्ता sumba, and in South-East Tirhut optionally सन्ता sumba when made of iron. In Sāran it is नम gaj. The wooden roller used in making a Roman candle is खोन्नकन्त्रा kholakra, and in South Bhagalpur also खोन्नकी kholni.
- 583. His saw is चारी āri; his knife, कूरी chhūri. A flat heavy one is बाँकी bānki in Sāran and Champāran, बाँक bānk in Shahabad, दाव dāb in Tirhut, and दिवस dabiya also in the north-east of the same district. His awl is बरन्स barma, and his file is रेती reti.
- 584. His wooden platter is कडन्रा kathra to the west, षत्रथा athra in Tirhut, Gaya, and South-West Shahabad, कडोती kathauti or कडोत kathaut in Patna, Gaya, and East Tirhut, and कड़न्सर karhāi in South Bhagalpur.
 - 585. Among the fireworks which he makes are-
 - (a) The hand Catherine wheel, चरन्छी charkhi, and that which is mounted on a pole, चन्नर chakkar, राधे चन्नर rādhe chakkar (South-East Tirhut), or चन्नर-बान chakarbān (Shahabad).

Of these, the pipes in which the powder is placed are नास nāl, or to the east जास lāl or जासा lāla, and in South Munger नमा nalla. The pipe in which the axle works is also called नास nāl, &c., as above; also पुन्नी pulli in South-West Shahabad, कुल्ड-फी kulphi in South Bhagalpur, and in South-East Tirhut दनियाजी daniyāli. The axle itself is मकरी makri or कुली chhuchchhi north of the Ganges generally, and also फॉफी phonphi to the west. The spokes and rim of the wheel are टॉमा dhāncha to the west or टॅमरी dhanchri in Sāran, ठाट thāt in Tirhut, महरी marri in South Munger, and मॅहररा menrra in South Bhagalpur.

- (b) There are various kinds of bombs: amongst them are सुचला bhuchampa or सुचला bhuchappa (north of the Ganges) or सुद्दें चला bhuïn champa (south of it), खनार anār (generally), कुल्हिया kulhiya (north of the Ganges) or जोजो lauki (east generally), बनगोजा bamgola (generally) or गोजा gola (Champāran and North-East Tirhut), नड़ाका tarāka (south of the Ganges), नाच पाल nās pāl (generally), दाँतुचा dāntua and तोरना. torna (Shahabad). A long kind of bomb is north of the Ganges चड़का chahka.
- (c) The balloon is पेटारा petāra south of the Ganges, and पेटाइर petārha or गोबारा gobāra north of the Ganges, to the west. In North-East Tirhut it is चरन्ता पेटाइर urtā petārha, and in South-East Tirhut चरन पेटाइर uran petārha.
- (d) The rocket is इवाइ hawāi or ख्यानान नारा asmān tāra; also छड़ी chhari in North-West Tirhut. In South-West Shahabad, Sāran, and Champāran बान bān, and in North-East Tirhut जङ्गी बान jangi bān, is a species of rocket.
- (e) The Roman candle is सहन्तानी mahtābi generally, also हसी dasti north of the Ganges and गुन्नर gallar in Shahabad and East Tirhut.
- (f) Other fireworks are महन्ताब mahtāb, खजूर khajūr, किसा kilā (a miniature fort, of which the bastions are बुरन्जी burji), गञ्ज सिनारा ganj sitāra, कदम गाक kadam gāchh, चादर पड़ाकेदार chādar parākedār, सादा चादर sāda chādar, चादर chādar or (East Tirhut) सौसन के टही sausan ke tatti, चाँद चरन्जी chānd charkhi, पटेबाज patebāj, किरिन kirin or

(North-East Tirhut) किरिन चक्कर kirin chakkar, इड्डन्टर chhuchhundar (West Tirhut and South-West Shahabad), जलेबी jalebi (South-West Shahabad), सुरन्ता murra or सुरन्दा murha (South-West Shahabad and Gaya), चन्दर कला chandar kala (South West Shahabad), पड़ाका parāka or (South-West Shahabad) पराखा patākha (Chinese crackers), मूहा mūrha, टीपक dīpak, जुही jūhi, रसन्पाल raspāl (Sāran and Champaran), अरन्दाना ardana (East Tirhut), देव deb or देव deo (a flying monster), नटःबाज nathāj or खरत देव larat deb (fighting monsters), केत बान kait ban (a round rocket), फार्न्सी गोला phārsi gola, टही खील फर tatti hlu phar (south of the Ganges), घन चकर ghan chakkar (south of the Ganges), सोर चकर mor chakkar (south of the Ganges), सोर बाज mor bāj (south of the Ganges), पचरन्वी pancharkhi (Shahabad), चौताना chautāna (Shahabad), इजार बीन hajār bin (Shahabad), चौघड़ा chaughara (Shahabad), इल्क huluk (Shahabad), and बनासा batāsa (Patna), which is also called आँगारी angāri in Shahabad. In South Bhagalpur चौकी lauki and पद्चा paduka have been noted.

CHAPTER XXIX.—THE BOOKBINDER.

- 586. The bookbinder is in North-West Bihār द्पान्द्री daphdari, and in East Tirhut द्पान्त्री daphtari. In South-East Tirhut he is also called कागान्त्री kāgji. South of the Ganges he is जिलन्दन्बन्द jildband, or in Shahabad जिलान्दन्बर jildgar.
- 587. His screw-press is चिक्का sikanja. Another kind of press is सकरी makri. The wooden boards for putting between the books in the screwpress are नवन्ता takhta or (in Patna and South Bhagalpur) नवन्ती takhti. In Shahabad and North-East Tirhut they are पटारी patri; in South-East Tirhut, पिहिंग pirhiya; and in South-East and North-West Tirhut, निमन्तराहा nishkarda.
- 588. The paper-cutter is कतरानी katarni, or (in Champāran) पाइ pārh or बाइ bārh. The scissors are केंची kainchi, or in North Bihār also केंकराज mekrāj.
- 589. The iron mallet is इशोरी hathauri or मारन्तीं mārtaul, and the awl सूचा sūa north of the Ganges generally and in Shahabad and South Bhagalpur, सुराखी surākhi in Patna, सुजाखी sulākhi in Gaya,

1 Native Rope Walk.

Lith.by Secadbur Banerjee Student Govt. School of Art Calcutta.

स्तारी sutā i north of the Ganges, and टेक्क्स tehua optionally in South-East Tirhut. The needle is सर्दे sūr.

- 590. The embossing-wheel, which is an instrument with a small revolving wheel for embossing the binding, is फिरःको phirhi in North-West Bihār and South-East Tilhut, चक्की chakki in Tirhut and Patna, चक्कर chakkar in Gaya and South Bhagalpur, and चक्का chakka in Shahabad. Other dies for embossing are फूच phūl or (optionally in Champāran and Tirhut) उपा thappa, also माजर phālar, जनन्जीरा janjir a, and रोस्की dosūti.
- 591 The cutter for paring edges is भामा jhāma north of the Ganges and Patna, and सोदन sohan elsewhere. A file for the same purpose is रेनी 1etn.
- 592. The wooden tool for smoothing the binding is चलेच sales (corruption of English 'slice') It is also called तिकी tilli or तीजी tilli, and in East Tirhut कसन्त्री kamchi.
- 593. The leather-scraper is खुरन्पी khurpi, also north of the Ganges क्लिनी chhilm पत्थर patthar is the flat stone on which the leather is scraped.

CHAPTER XXX —THE ROPE-TWISTER

- 594. The rope-twister is कन्नर hanjar in North-West Bihār and Gaya, and चाँद chāin in West Tirhut. In Shahabad and Gaya he is रसन्दार asbanta. The art of rope-twisting is बटन्नाइ batnār.
- 595. His rope-twisting implement is called चिरानी ghirm or चिरान दे ghirnar, also घड़ी ghari in South-West Tirhut. Of this the भौराका bhauni kali is a flat stone with a hook, to which the rope is fastened as it is being twisted; sometimes a peg, खूँटी khūnti, is used for this purpose. The board or bamboo fixed in the ground and perforated with holes, by which the strands, खर lar, pass is called गडाड़ी garān north of the Ganges, गरारी garān in Patna, घरारी ghari in Gaya, and चिरानी ghirm in Shahabad. The strands are fixed to the ends of pegs, बेखन belan, which revolve in these holes.
 - 596. The string used to move the machine is विरन्त ghirna.
- 597. When cables and thick ropes are made, an instrument called (north of the Ganges) ছবা বাৰ hatthā charak and (south of the Ganges) ছবা mūtha is used. This is a grooved block, in the grooves of which the strands are fixed to secure uniformity in the twisting. A man holds it in his hands, and carries it forward as the strands are twisted

598. A simpler kind of machine is called चरख charakh or चराखी charkhi. It consists of only a bent wooden handle, उड़ी dandi, and a perforated board. The strands are fastened at one end to the handle, and the other ends are twisted by hand.

CHAPTER XXXI.—THE WEAVER'S BRUSH-MAKER.

- 599. The weaver's brush-maker is called কুঁবংৰঁ মংলা kunchbandhwa. The brush is called কুঁবী kūnchi, কুঁব kūnch, &c. (See Chapter on Weaving.)
- 600. He uses the चाँचा sāncha, which are two moulds for keeping the brush in order while it is being prepared. He beats the brush with a टोकन्स thokna; and he has a flat piece of wood called पटःरी patri for keeping the bristles in order.

CHAPTER XXXII.-THE BOW-MAKER.

601. A bow is कमान kamān, or in North-East Tirhut कमन्दा kamtha, and its maker is कमननगर kamangar. He has no special implements.

CHAPTER XXXIII.—THE WEAPON-CLEANER.

602. The चिकिन्तर sikilgar or arms-cleaner uses a रन्ता randa, or in North-East Tirhut आम jhām, which is a kind of plane for cleaning off rust; a युवी gulli, a piece of hard stone for a similar purpose; कुरन kurun, a kind of stone powder. He also uses a चिन्नारा singhauta or polishing-horn, a मचन्त्रको maskali or iron instrument, and नही gaddi or thick cloth, both used for varnishing.

DIVISION II.

DOMESTIC APPLIANCES AND UTENSILS.

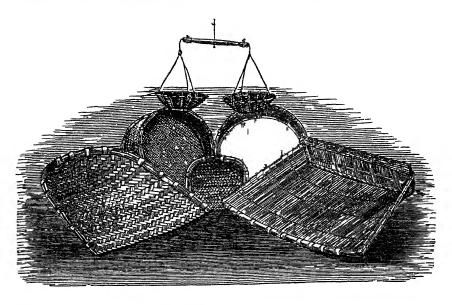
SUBDIVISION I.

APPLIANCES USED IN THE PREPARATION OF FOOD,

CHAPTER I.—SIEVES.

- 603. The winnowing-sieve is स्वप sup or कोल स्वप kolsup. The former is also used for sifting grains of various sizes. It is made of reeds. The latter is used for winnowing only, and is woven of bamboo slips. They are both oblong in shape, and have a low wall round three sides, called in East Tirhut महन्स marra. Other names are कॉनिया koniya (North-East Tirhut) and डगन्स dagra (see § 47) in Gaya, Champāran, and North-West Tirhut.
- 604. The चलानी chalni, or (North-East Tirhut) चालिन chālani, is a woven sieve for sifting bran from flour, as in the proverb concerning an extravagant man, कोन प्रचल भेलड गाय, चालिन खे दुष्टाने जांच kon purukhak bheláhuñ gāy, chālani lai duhāwe jāy,—of what man have I become the cow: he has brought a sieve into which to milk me. Again, चालिन दूसल स्रप कें, जिनिका स्पर्स गोट केंद्र chālanı tūsal sūp keñ, janika sahasar got chhed,—the sieve, which had a thousand holes, sneered at the winnowing-basket, i.e. the pot called the kettle black.
- 605. The चिल्लान chilwan, or in Sāran, Patna, and Gaya चिल्लीं ज chilaunj or चिल्लींच chilaund, and in South Munger चिल्लीन chilaun, is a kind of sieve used for catching fish, and also (according to Crooke) in the North-Western Provinces for straining sugar-cane juice. Other names are चारन्सी ārsi or जङ्ग jangha, both used in South Bhagalpur, and the latter in North-East Tirhut and the former in Sāran.
- 606. The ব্যৱকান chalna is a sieve for cleaning grain. Other names are শ্রেকা jharna south of the Ganges, নকেনী tarchhi in Champāran and যুক্তৰ gurchalna (North-East Tirhut).
- 607. The चाँगी āngi or चाँगिया angiya is a cloth-bottomed sieve for sifting fine flour. It is called चाँगी hāngi in Gaya and कपरन्यूर

kapardhūr optionally north of the Ganges. In Azamgarh, in the North-Western Provinces, স্থানী ānghi is a leather sieve with very fine holes.



	Tarāju.	
Chalni.	Supuli.	Angi.
Kolsūp.		Sūp.

CHAPTER II.—THE PEDAL FOR HUSKING GRAIN.

- 608. The whole apparatus, and also the movable beam, is called हैं की dhenki or (in Shahabad) हें का dhenka or हेका dheka and (in Sāran) हैं कुछ dhenkul.
- 609. The pillars on which the beam rests are जङ्ग jangha in North and East Bihār, जाँचा jāngha in Shahabad, and जीवरा janghiya in North-West Tirhut. In Tirhut and the west they are खूँडा khūnta, in Patna and Gaya खुखा khunta, and in South Bhagalpur and South Munger खुडा khutta. In South-West Shahabad they are called चुना khambha.
- 610. The peg in the beam which crushes the rice is सूसर mūsar to the south and west, and सुसरा musra in Tirhut, Patna, Shahabad, and South Bhagalpur. In Sāran another name is पहरवा paharua. In South Munger, Patna, and Gaya it is उसाउ samāth or समॉड samānth, and समीसा samaua is the iron ferule round its tip.

- 611. The axle is generally चलीत akhaut or चलीता akhauta, local names being मॉन्सा mānjha in Champāran and North-East Tirhut, बेसनी belni in North-West Tirhut, and उट्टा danda also in North-East Tirhut. In Patna it is रनन्ती ranki, in South Bhagalpur च सन्तरहाइ ashalāi, and in South-West Shahabad सारा sāra.
- 612. The hollow wooden bed in which the rice is crushed is चोवन्री okhri north of the Ganges, or as a local variant चोवर okhar in North-East Tirhut and the north-west. चोवन्री okhri and सुन्दो bhundo occur also in South Bhagalpur, and चवन्री ukhri in South Munger. In South-West Shahabad it is काँड़ी kānri, in the rest of the district सङ्घा bhuriya, in Gaya सुर्चावन्री bhuiñokhri, and in Patna मुंडनकी bhunrki or चुन्ही ghundi. The stick used for stirring the grain while it is being pounded is in Gaya and South Bhagalpur चेकन्रा thekra.
- 613. The hand-rail which the workman grasps is चखन astham north of the Ganges and धमन्ती thamni or चलन्ती algani in South Bhagalpur. It is टॅगन्ती tangni in Patna and South Munger, also चलानी arāni in South Munger, and इसी hatthi in Gaya. In Shahabad a rope (रस्ती rassi) is used.
- 614. The pedal or place where the worker rests his foot is पोद्र paudar in Patna and Shahabad, पक्षर pachhahar or पकाड़ pachhār in Sāran and Champāran, पुकःड़ा puchhra in North-East Tirhut, पक्षरा pachhaura in South-West Shahabad, पक्षरा pachhua in South Munger, पुक्षिया puchhiya in South Bhagalpur, पाँकी ponchhi in Gaya, and क्रान्सरा latmara in North-West Tirhut. The pit into which this is depressed is in Gaya गोर-पोरी gorpauri, and in South Bhagalpur गणी gatto.
- 615. This implement is practically the same as the lever for breaking bricks, for an illustration of which see § 431.

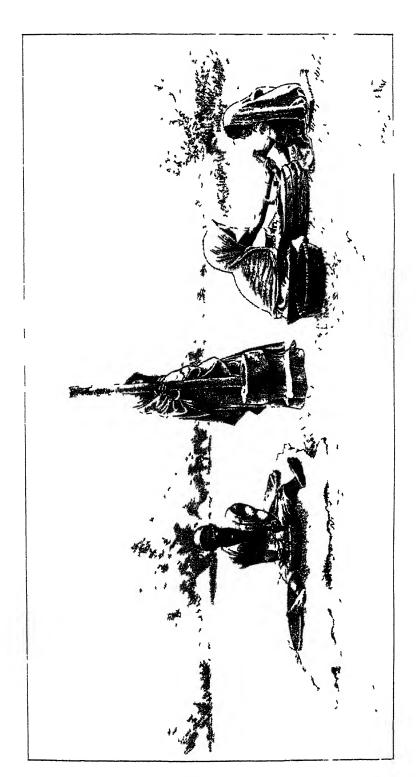
CHAPTER III.—THE PESTLE AND MORTAR USED FOR HUSK-ING GRAIN.

- 616. The mortar is बोखन्दी okhri generally, local variants being बोखर okhar in North-East Tirhut and Shahabad, बोखन्दा okhra in South-West Shahabad, and बोखन्सी okhli in Gaya. In Patna an optional name is कुरन्दन kurdan, and in Sāran धन-कुही dhankutti.
- 617. The pestle is सूचर mūsar to the west and उमाउ samāth to the east. In Patna both words are used.

618. The iron ferule at the bottom of the pestle to prevent it splitting is चाम sām, or in Patna, Gaya, and the south-east समोचा samaua, and in Sāran optionally समियाँ samiyāñ.

CHAPTER IV.-THE HAND GRINDING-MILL.

- 619. This is known as লাঁব jānt, লাঁবৰা jantwa, or লাঁবা jānta. This is worked by two women. The smaller kind, used for breaking pulses and worked by one person, is ভ্ৰমণী chakri generally, or ভ্ৰম chakki to the west. North of the Ganges ভ্ৰমণা chakula is a medium-sized one.
- 620. The upper stone is उपन्रीटा uprauta, and the lower stone तरीटा tarauta, and also south of the Ganges तसीटा talauta.
- 621. The handle of the large variety is दायड़ hāthar in South-East Tirhut, and elsewhere दयःरा or दयःड़ा hathra. In Shahabad it is जूया jūa. That of the smaller variety is खूँडो khūnti. The axle is किछा killa or (in South-East Tirhut) की छ kil; and the feeding channel, सुँद munh generally; also गांची gāli in Shahabad, Gaya, and South Bhagalpur, गंधी galli in Sāran and North-East Tirhut, गंधीय galausi in Champāran, खाँदक khoñichh or गंधियारी galiyāri in North-West Tirhut, गंधी gatto in South Bhagalpur, and घड़िया ghariya in South-West Tirhut.
- 622. The handful of grain poured into the mill is भौक jhīnk, local variants being भौका jhīnka in Sāran, Patna, and South-East Tirhut, and भौका jhīka in South-East Bihār. In South Bhagalpur it is also खणे lappo.
- 623. The wooden seat on which the woman sits is पीड़ा pirha. A local variant is पीड़ी pirhi or (East) पिडिया pirhiya. A similar mud seat is बेंचन्नी baisni, or in Champaran बेंडन्नी baithni, and in South-East Tirhut बेंचन baisan. In South Munger it is बेंचन्का baiska, and in South Bhagalpur बेंचन्को baisko.
- 624. To roughen the stone with a chisel is north of the Ganges टाँग्व tāngab or टूँग्व tūngab to the west and कूटव kūtab to the east. South of the Ganges, to the west, it is कूटल जाइव kūtab jārb, and to the east कुटाएव kutācb or कूटिहेव kūtideb. The man who does this is called जन-कुटा jantkutta. He uses a chisel, केनी chheni, and a hammer, यपचा thapua or चयौरी hathāuri.
- 625. The act or profession of grinding corn is पिसान pisān, पिसन्दन piswan, or in Champāran पिसन्ता pisna, and in Gaya पिसाद pisāi,



MILL-STONE FOR PULSES (Chakri).

PESTLE AND MORTAL (Oktur).

FLOUR-MILL $(Jar{a}nt)$ Printed oy Abdoo Hohim Govt School of Art Calcutta

Lith by Hern Chunder Ghosal, Student, Govt School of Art Caucutta

and its wages पिसाइ pisāï. A well-known proverb is जाइसी पटाना जोड़ा एक जाँस, jāichhi patna jora ek jānt,—'I go to Patna for a pair of mill-stones,' something like a Newcastle-man going to London to look for coals.

CHAPTER V.—THE GRINDSTONE FOR SPICES.

- 626. This is विज्ञान्द silvat or विज्ञोंट silaut, and in Saran विज्ञान्ट silāwat; also in Patna, Gaya, and South-East Tirhut चीज sīl. To the south-east it is also पाटी pāti.
- 627. The stone roller used with it is जोड़ा lorha to the west and जोड़ी lorhi to the east. In Patna another name is चंडा batta.

CHAPTER VI.—THE ROLLER FOR MAKING PASTE.

- 628. The rolling-pin is बेखन्ना belna; also बेखन belan in Patna.
- 629. The pasteboard is चौकी chauki to the west and चकाना chakla to the east. In South-East Tirhut another name is चकोना chakola, in Gaya चौकान chaukla, and in North-East Tirhut चक chak or चाक chāk.
- 630. The dry flour sprinkled on the board to prevent the paste sticking is परम्या parthan generally, with local variants परम्या parthani to the west and पद्धान palethan in Patna and South Munger. In South-East Tirhut it is optionally called भाइत māra.

SUBDIVISION II.

DOMESTIC FURNITURE.

CHAPTER I.—STOOLS.

- 631. Stools made of bamboo or reeds are मोँडा monrha when large, and मोँडिया monrhiya when small.
- 632. When made with a woven twine seat, a wooden framework, and four legs, they are called मिच्या machiya. Another name is मचोचा machola, current in Champāran.
- 633. When it has three legs, it is called तिपाइ tipāi north of the Ganges, and तेपाइ tepāi or तेपई tepāī south of it. In Shahabad a three-legged stool is called मैंच mench.

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- 634. A wooden stool is, according to size, पीड़ा pirha (large), पीड़ी pīrhi or पिड़ि pirhi (smaller), and पिड़िया pirhiya (smallest).
- 635. The wooden platform for sitting, sleeping, or bathing is, when large, तखनन्पोस takhatpos, and when small पटन्दा patra. चौको chauki is used for both large and small kinds.

CHAPTER II.-THE BED AND COT.

- 636. A bed or cot is खाउ khāt, खटिया khatiya, or पस्क palang. When an ordinary bed, it is specially called चार-पाइ chārpāi or चर-पाइ charpāi, and when a cot, खटोला khatola or खटोली khatoli; also in South-East Tirhut खटला khatula. Another name is पर्लेगिया palangiya or पर्लेगरी palangri in Shahabad and South Munger; another name is सर्जेचा sajea or चेजिया sejiya, which is used principally in poetry.
- 637. The pillow is निक्या takiya or नकेया takea, also गेंच्या gerua in East Tirhut and चिड़ानी or चिड़ांनी sirhāni in Tirhut and the west. The bolster is बाजीय bālīs, बिज्जा balīsta, or (in South-West Shahabad) विज्ञा bilasta. The side bolsters are बगःची निज्ञा bagli takiya, and the heavy thick bolster for resting the back against is समन्न द masnad or मौ निज्ञा gau takiya. The bed clothes are विज्ञाचीन bichhāon, विज्ञान bichhauna, or गेटन getam. The mattress or its equivalent is नोमक tosak. In Tirhut चोडाचीन ochhāön or चोडीना ochhauna are the bed clothes over the body. A patchwork quilt, &c., worn by the poorer orders is ग्राइन्डा gendra, (also in Champāran and to the east) खेंपन्डा khendhra, or चोजन्नी sojni in South Bhagalpur, Patna, and Gaya, खेनन्दा khenra or चुजन्नी sujni in Sāran and West Tirhut, खेंद्रन्दा lendra in Shahabad, and युद्रन्डा gudra or चेवा lewa to the west generally. In South Bhagalpur it is भोषान्दा bhothra. See also § 731.
- 638. The legs of the bed are पौचा paua, पाया pāya, or पाना pāwa. The side pieces are पाटी pāti or पही patti generally, also पाची pāsi in Tirhut and South Bhagalpur. The end pieces are चूर chūr or चूल chūl. The head of the bed is चिहाना sirhāna or चिहानी sirhāni north of the Ganges, also मुख्यारी murthāri in North Tirhut and चिर्ना sirma in North-East Tirhut. South of the Ganges it is चिर्ना sirhāna (Shahabad also चिर्ना sirhān) or मुख्यारी murthāri, also चिर्ना sirmāni in South Bhagalpur. The foot of the bed is गोर्चारी gorthāri or गोर्चार्य gorthāriya. In Shahabad it is गोर्ना gortār, and in Sāran मुन्यारी gunthāri; also गोन्नारी gontāri north of the Ganges generally and in South-West Shahabad, पथीनी pathauni in South-East and

पद्माना pathāna in North-East Tirhut. South of the Ganges we find optionally पैताना paitāna in Shahabad and Patna, पौताना pautāna (also in South Munger) or पोधानी pothāni in Gaya, and पौधाना pauthāna in South Munger.

639. The network at the bottom is fagraz binawat or fagra bināi, or in East Tirhut घोराइ ghorāi. In Patna and Gaya it is बीनन binan or बिनौट binaut, in Shahabad बिनाव binaw, and घोरन ghoran in South Bhagalpur and South Munger. When this is made of one string, the bed is said to be parateur ekbadhiya; of two strings, दोविषया dobadhiya; of four strings, चौविषया chaubadhiya (west); and of six strings, इविध्या chhabadhiya. In South Bhagalpur the words प्रकन्गोरिया ekgotiya, दुगोरिया dugotiya, चरन्गोरिया chargotiya, and इगोरिया chhagotiya are used. In South Munger they are प्रकानीरिया ekjoriya, &c. The strings at the bottom by which the netting can be tightened at pleasure are चोरञ्चन orchan or चोरञ्ड्यानी ordawāni in Tirhut and the west. In Saran and Patna they are चोरन्यन orchan or चोदन्याइन odwain. In the east they are चराँच aranch. Other local names are चोनन्चन onchan in South-West Shahabad, सोदादन odain in Gaya, सदैन्नादन ardwain to the east, चोदान odan in South Munger, and बाध badh or गतान gatan in North-East Tirhut. The thick rope at the foot to which the netting is tied is सिघन्वानी sidhwāni in the north-west; also माँची mānhi in Champāran. In South-East Tirhut it is अञ्चलकार a ajwain. In Patna it is साई māin, in Gaya मेचार mear, in South Munger माइन main, and in South Bhagalpur बान ban or सेन main. Elsewhere it is also called चोरन्द्वानी ordawani. The string tied to the side as the netting is being made is a tar barua in the north-west and south. In Tirhut and the east generally it is चोका ojha, or in South Bhagalpur also जमीचा jamaua. When the netting is finished this string becomes useless, and villagers believe that if it be thrown across the door of a house the members of that house will quarrel amongst themselves. The tin sog or tita sok are the large spaces in the netting along the frame of the bed.

CHAPTER III.—THE WEIGHING-SCALES.

640. The large fixed scales are रात्र rātal, local variants being रात्र rātul in Shahabad and राटन rātan in North-East Tirhut. In South Bhagalpur they are काँटा kānta, which elsewhere means the small scales. Another name in the same place is समस्काँटा mankānta. The small scales are नराज्य tarāju, local variants being नराज्य tarāju.

in the north-west, तरञ्जू tarju in East Tirhut and South Munger, and तरञ्जूषा tarjūa in South Bhagalpur. Other names are काँटा kānta and टकोरी takauri in the west and Patna and Gaya, and परिचानी pariyāni in Patna and Gaya, which principally refer to goldsmith's scales. In South Bhagalpur नूज tūl is a weaver's scale for weighing thread or cotton.

- 641. The pans of the scale are पखन्त or (in Patna and Gaya) पखन्दा palra. In South Bhagalpur they are also called दखन्ती dalni or पद्मा pulla.
- 642. The strings of the scale are called नजी tanni (except in the east), a local variant being नानी tāni in Gaya. In the east they are जोनी joti or (in South Munger) जोना jota. In Patna optional names are द्वोरी dori and नाम bādha.
- 643. The weights are बटन्डरा batkhara or बाट bāt. The make-weight put into one scale to make the balance true is पर्चेष pasangha, local variants being (East Tirhut) पाउँच pāsangh and (Patna, Gaya, and South Bhagalpur) पर्चेग pasanga. In Patna and Gaya and South Munger it is also called धारा dhāra.
- 644. The beam of the scales is इन्ही dandi. In the south-east the beam of a jeweller's scale is निमी nitti or निसी nikti. The indicator is सूद süi.
- 645. A false balance is नेवन newat or नेवन्ना newta to the west and in Gaya. In East Tirhut it is जेवन lewat, and in Champaran नवन्ना nawta. In South-West Shahabad it is जीवन jiyat or जीना jita, and so also in Gaya and South Munger. In Patna and Gaya it is क्ष्यना jhukta, and in South Bhagalpur जोनी joti.

CHAPTER IV.—NETS.

646. A small fisherman's net is जान jāl or जानी jāli, and a सराजान mahājāl is one of a larger size. North of the Ganges and in Shahabad a कुरेन kurail is a net fixed in the water with six sticks and worked by one man. In South Bhagalpur it is बरेस kharail. A similar net with three sticks is निमारी bisāri north of the Ganges and in South Munger; also निमारी bisri in Champāran, and निमार bisār in Champāran, Gaya, and South-East Tirhut. In North-East Tirhut, however, it is called सनमारी khansāri, and in South Bhagalpur नीमा chaundha. A casting-net is में के phekail in Patna, Gaya, and Sāran, रूप khep to the west, and मुनीमा जाम ghumaua jāl in Tirhut and South Munger; also

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in North-East Tirhut efaut khapiyar. In South Bhagalpur it is फेका pheka. The iron or earthen sink-balls attached to it are बहियन batiwan and बटःवन batwan to the west, and पीड़ी paunri in North-West Tirhut. In South Bhagalpur they are भौदिया bhontiya. A net attached to two poles and worked by two fishermen is डॉड्री donri in Patna, Gava, and the west, and sits donr in Champaran. Other fishing-nets are घनैसी ghanaili and पसन्दा pasra to the west, and निर्कीनरा girgira, a small variety, used in Gaya and the south-east. In the same district and in Champaran चोका oka is a bag dragged through the water for catching fish. In Champaran and North-East Tirhut zight tāpi, in Shahabad टाप tāp, and in South Bhagalpur चरनी arsi, is a kind of bamboo fish-net, and गॉन gānj or गाँजी gānji is a horn-shaped basket for catching fish. The man who works the last is called agree a In this connection may be mentioned a fish-trap used in Gava called चिन्तींद chilaund (see, however, § 605). Fish caught in this are kept in a pit, called आपा apa. A kind of pit used for catching fish is called in Gava use pharka. A net for catching birds is धनी ghani north of the Ganges; also फान phan or फानी phani in Champaran and Tirhut, and witer phanda in Shahabad. South of the Ganges the बहियारी batiyāri is a net used in the daytime, and चातर chātar one used at night for catching birds.

- 647. North of the Ganges the भोजा jhola or भोजी jholi is a net used by cartmen for feeding bullocks. To the west it is भोरी jhori, and elsewhere south of the Ganges जजा jalla. जाजा jāla is a net for carrying grass. A local variant is जजा jalla in Sāran and South Munger. In South Bhagalpur it is कपार kapāi.
- 648. To the west (including Patna and Gaya), and in Tirhut, বিৰুদ্ধ sikhar is a net for hanging up pots, &c., in a house. Other names are খালা sīnka (Patna and Gaya), খালা sīka (Sāran, Champāran, and the east generally), and খাল sīk also in North-West and South-East Tirhut. ভালা khānji in North-East Tirhut is a net for holding fruit.
- 649. The stick or rope for hanging up clothes is खरनेनी argeni in Sāran, Champāran, Patna, and North-East Tirhut, खरनानी argani in Shahabad and Tirhut, खरनानी asgani in Tirhut (optionally), Shahabad, Patna, and Gaya, and रेगन्नी regni in Shahabad. Other names are दंगन्ना tangna in Patna, Gaya, and South Munger, दंगन्नी tangni or दौनी dauni in Patna and South Bhagalpur, and जियना jiyata in

- Shahabad. A frame used for the same purpose is azzīt thatri to the west and wait chhatri in North-West Tirhut.
- 650. A cord net for carrying goods on the head is जसन्बरी jalkhari in West Tirhut and to the north-west, and जासी jāli in Shahabad, South Munger, and Tirhut. In the south-east it is जसा jalla.
- 651. The net used by bearers with the sling pole (बहाँगी bahangi or, in North-East Tirhut, बहिँगा bahinga) is generally सिकः sikhar, but स्तेका sika in the south-east, सिका sika in Gaya, and सीक sik (optionally) in North-West and South-East Tirhut.

CHAPTER V.—THE PAD USED FOR SUPPORTING WATER-POTS &c., ON A WOMAN'S HEAD.

652. This is विद्वा bittha, बीटा bītha, or बीटो bitho to the west and in West Tirhut. In Patna, Gaya, and the south-east it is नेटो netho or नेट्रचा nethua. Another name is गँड्चा genrun to the west and in Gaya and South Munger, गँड्बो genruli in Patna and Gaya, and गँड्डो genruri in Tirhut. Another name (only noted north of the Ganges) is विद्या binriya in Champāran, विद्या binrri (a small kind) in Sāran, बीड्डो bīnro in East Tirhut, and विद्या binrua in Tirhut generally; yet another name is प्रदा lajuri in South-West Shahabad.

CHAPTER VI.-THE STICK.

- 653. The ordinary long stick is खाउँ lāthi (also खड lāth in Patna). Other names are जोर laur (north of the Ganges) or खाउर lāur to the west, and चटन्का satha north of the Ganges. The butt end of this is दूरा hūra north of the Ganges and in Patna, डरन्स hurra in Shahabad and the south-east, इता huttha in Gaya, and गोचा goa in South Munger optionally.
- 654. चौंटा sonta or चोटा sota is a stout short stick. It is also called चएन danta, and in Champāran चटीका datauka. A thin stick is चड़ी chhari, and to the west, including Patna and Gaya, बोजी goji. Other names are चाकन chhākan in Champāran and North-West Tirhut and चकन्नी chhakni in South Bhagalpur. A thick walking-stick is चाँग dāng, and also, to the west, जन्दा labda, and a similar one, used principally by old or lame men, is देशनी thenghuni. This last is also called देशी theyuni in Champāran and West Tirhut, देश theng or देशनी thenguni in Shahabad, and देशा thenga in the south-west of the

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same district. In South Bhagalpur it is टॅंगन्नी thengni, and elsewhere टेंगी thengi. बेसासी besākhi is a crutch. In Shahabad परन्तन patkan is a walking-stick. A piece of split bamboo used as a stick is फुड़ा phattha, फुड़ी phatthi, or फुड़ाटी pharāthi. It is also called बॅंग-फुड़ा bansphatta or बॅंग-फेंडा bansphenta in Patna and Gaya, and बजी batti in the south-east. A heavy stick is बॉंग bong, or to the north-west बजर बॉंग bajar bong.

BOXES.

655. The following Hindi lines in praise of the stick are very popular in Shahabad, a district famous for its club-men:—

खाठी ऐसी चीज है चटा राखिये सङ्ग ।
नदी नार खगाइ जख तहाँ बचाको खड़ा ॥
तहाँ बचाको खड़ा भपट कुत्तो को नार ।
दुरजन दावागीर उस को मसक भार ॥
कह गिरधर कि राय खिख भेजिये पाती ।
कमर िये तरवार हाथ में खिये खाठ ॥

Lāthi aisi chīj hai sada rākhiye sang,
Nadi nār agāh jal tahān bachāo ang.
Tahān bachāo ang jhapat kutto ko mār,
Durjan dāwāgīr us ko masak jhār.
Kah Girdhar kabi rāy likh bhejiye pāti,
Kamar liye tarwār, hāth men liye lāthi.

A stick is the kind of thing you should always have with you:
If the water in a river is too deep, you can save yourself by it.
You can also at once save yourself by hitting dogs with it.
And if you meet a wicked enemy you can dust (hit. trans.) his head with it.

Saith Girdhar, the prince of poets, write a letter Telling him to wear a sword in his belt, but to carry a club in his hand.

CHAPTER VII.-BOXES.

656. North of the Ganges चतुः sanukh or (in Sāran and South Munger) चन्द्र sandukh is an ordinary box. South of the Ganges it is चन्द्र sandūk, and in Patna and Shahabad चन्द्र sanūk. A small box is कन-नोर kantor or चाकच bākas (box). South of the Ganges it is चनुः कार्यक्षितं or चनुः कार्यक्षितं, the latter chiefly in Shahabad and the extreme east. पौता pauta or पौती pauti, or (in South

- Bhagalpur) पीँती paunti, is a little box made of bamboo slips, and सोना mona (Champāran) or सीँनी maunni are similar ones made of straw or of bamboo slips.
- 657. पेटाइन petārha or पेटाइने petārhi, and also south of the Ganges पेटारा petāra or पेटादो petāri, is a light travelling box or basket for clothes, &c., carried by a man on a sling bamboo, as in the proverb धाकल बरद के पेटार भारी thākal barad keñ petār bhāri,—for a tired bullock even a basket is too heavy. Other names are चलारी sakhāri in South-East Tirhut and भाषी jhāmpi south of the Ganges and in Champāran. The sling bamboo is called बद्दा bahangi, or in North-East Tirhut बद्दिशा bahinga; also सुरखा suila in Champāran and North-West Tirhut, and सिक-पटई sikpatai in East Tirhut.
- 658. The ভিৰিয়া dibiya is a small box for jewelry or other valuables. In Patna and Gaya it is ভिष्मा dibba, and in Sāran also ভীৰা diba.
- 659. The चुनौटी chunauti is a box for carrying the lime (चून chūn or चुना chunna) used with betel. In Champāran and North-West Tirhut it is called चुनन्दा chunha.
- 660. The box in two parts for holding betel, &c., is पनन्त्रा panbatta or बेखरन्ता belahra. Local names are पनीटी panauti (Shahabad), पनन्त्री panbatti (Champaran and South-East Tirhut), बेखरन्ती belahri (Patna and Gaya), and विरन्दरा birhara (Champaran and East Tirhut).
- 661. The box in which the खनन्दन abtan, or cosmetic which is rubbed on the bride at a wedding, is kept is डोको doki in Shahabad, and चोगिना sogila or चन-चोगिना sansogila in the south-east. Elsewhere it is नाना māla, &c. See below.
- 662. The box used by women for carrying red lead is चिंधोरा sindhora when large, and कीया kiya when small. The box in which they carry the vermilion which they put on the parting of their hair is रंगन्रीटी ingrauti or कियोरी kiyauri. It is also चिंगोरी hingori in North-East Tirhut and सपररी sapri in South-East Tirhut.
- 663. A माना māla, मन्ना malwa, or मिन्या maliya is a box for holding oil. It is also called मन्ना malsi in North-East Tirhut, नेस-स्का telhanda in Patna and Gaya, and नेस-माँड्रा telbhānra in Shahabad.

CHAPTER VIII.—METAL VESSELS USED IN COOKING AND ORDINARY DOMESTIC PURPOSES.

664. The vessels ordinarily used by Hindus are as follow:—

नसन्द्वा tasla or नसन्द्वा taslawa, made of brass (पीतर pitar), a round vessel used for boiling rice. About two sers of rice can be cooked in it.*

- 665. तसन्ती tasli, a similar vessel of smaller size. In Shahabad it is called नौती tauli.
- 666. बहुचा batua or बहु battu, a vessel made of alloy (फूल phūl, क्षा-कुट kaskut, or (Gaya) भरिष bharith). This is used for cooking rice, and about a ser of rice can be cooked in it. It is comparatively higher and narrower than the त्य-जा tasla.
- 667. वटन्सी batlohi or (north of the Ganges) बहुती batuli, a smaller similar vessel, used for cooking pulse or meat.
- 668. पनिस्ती patili of copper (ताँना tāmba) or alloy. It has a narrow flat mouth, and is used for boiling meat.
- 669. ছভা handa, ছাঁৱা hānrha (Patna and the south-east), ভাৰেভা kharkhanda (Gaya), or ভাৰেভা khankhrahra (Champāran and North Tirhut), is a very large copper vessel for boiling rice. When used by mendicants (দ্যাবি phakīr) it is called by them হাৰভা tokna.
- 670. नामी tāmi or निमा tamiya is south of the Ganges a large brass vessel, broad at the bottom, for cooking pulse at marriages, &c.
- 671. ARIE karāh. This (to the north-west and in Gaya) is a large iron pan capable of boiling as much as twenty sers of rice.
- 672. बरज्जन barguna. This (in North-West Bihār) is a small brass vessel with an erect rim for boiling rice, pulse, &c.
- 673. कराही karāhi or कड़ाही karāhi, and to the east and in Champāran कोहिया lohiya, an iron or brass broad shallow pan with handles (करा or कड़ा kara), generally used for cooking vegetables.

^{*}About this vessel there is a story. Once upon a time all the people of Bhojpur, in Shahabad, were robbers. When a traveller passed through one of these villages, they used to seize his cooking-pot, saying "वारा वोर को मोर tasla tor ki mor,"—"Is the pot mine or yours?" If the traveller replied "मोर mor," "mine," they would set upon him and beat him and rob him of the vessel by force. If he said "वोर tor," "yours," they used, on his own admission, to take it from him and let him go peaceably. Thus, in any way, they plundered him. Hence the saying वराचा वोर की मोर tasla tor ki mor has passed into a proverb, of which the application is easy to see.

- 674. ब्यन्त्रना bahguna, an iron or brass cooking-pot with straight edges and a handle.
 - 675. तमःहेड़ी tamheri, a round copper vessel.
- 676. तवा tawa, तावा tāwa, or (Patna and Gaya) नाइ tāï, an iron griddle plate.
- 677. करोरा katōra to the south and north-east, कचोरा kachora in Sāran and Champāran, इसा dubbha in Sāran and Champāran, करो bāti in Tirhut, and में दिवारी menhibāti in South-East Tirhut, is a vessel used for eating from, with a projection at the bottom on which it stands.
- 678. The तसःतरी tastari (north of the Ganges and in Gaya, Patna, and South Munger), विश्वजी chhipuli to the east and in Patna, जाम jām in Patna, Gaya, and the south-east, and जसन्तरी kastari in Shahabad, is like the जहोरा katora, except that it is flat-bottomed, and has no stand.
- 679. In the south-east the भारता jharka is a deep pan for eating; the कश्चन पूरी kanchan pūri, a shallow one; and the चगरी agrail, one with the edges straight and short.
- 680. The धारी thari or धरिया thariya, also जीपा chhipa, and (in Patna and Gaya) खोरी khori, is a flat pan from which food is eaten. The मर्जे गिया धारी malangiya thari has straight sides, and the मिर्जापुरी mirjāpuri has curved ones.
- 681. परात parāt, a large flat pan like the चारी thāri, except that its sides curve gradually up to the top.
- 682. टाँटी thānthi or टाँटी tānthi is a dish like the चारी thāri, but made of bell-metal (काँश kānsa).
- 683. see dabbu, a brass or iron spoon, of which the bowl is deep and broad, principally used at marriages.
- 684. काल-कृत kalchhul or कार-कृत karchhul is a spoon. काल-का kalchha in South-West Shahabad means an iron spoon, and काला kalchhi in Saran, Patna, and Gaya a brass or iron one.
- 685. North of the Ganges and in Shahabad सनीटा chhanauta or भारता jharna, and in Patna, Gaya, and the south भाँभन्दा jhanjhra, is a cullender or iron sieve with a handle. In North-West Tirhut it is also called सनीटा sanauta, and in North-East Tirhut भाँभ jhānjh.
- 686. पौना pauna or (South-East Tirhut) पौनिया pauniya is an iron cullender or straining-ladle.

- 687. The effet lota is used for drawing water and drinking.
- 688. The गेंड्या gerua or इयःइर hathhar north of the Ganges, Patna, Gaya, and Shahabad, also सोवरः ना sobarna in North-East Tirhut, and भारी jhāri in Champāran, Patna, Gaya, and to the south-east, is a kind of lota with a spout (टॉटी tonti). It is generally made of a white alloy (फूच phūl). The मायव सिङ्घी mādhab singhi (North-East Tirhut) is a kind of drinking-vessel invented by Mādhab Singh, a former Mahārāj of Durbhanga. It is shaped like a globe surmounted by a funnel. The globe has a spout, and the whole stands on a pedestal.
- 689. नमन्दा tamha north of the Ganges, and भारी jhāri south of it, is a similar vessel made of red alloy (क्यन्कुट kaskut). Both the last two are used for drinking.
- 690. अवन्योरा abkhora or असन्योरा amkhora is a drinking-vessel, the sides of which are broader towards the mouth, and it is provided with a stand (गोड़िया goriya) at the bottom. It is also called खोरा khora. In Gaya हुआ dubbha is a large cup, and in South Bhagalpur चोटन्की lotki.
- 691. शिदास gilās (glass), similar to the last except that the sides are straight or only slightly curved. It sometimes has no stand, and is flat-bottomed. It is, in fact, modelled closely on the lines of a European peg-tumbler, but is of metal.
- 692. बहा batta (Patna, Gaya, and North-East Tirhut), a kind of large metal cup. बाटी bāti is a small one.
- 693. गगरा gagra, or (in Champāran and Tirhut) तसन्वेस tamghail or तसन्वेसा tamghaila, (in Gaya) वसन्ते basni, and (in Champāran, Patna, and to the south-east) कसन्ते kalsi,—a copper or brass vessel used for drawing water from a well.
- 694. डोच dol or क्ड kūnr, an iron vessel for drawing water from a well.
- 695. जॉबरा lonhra or जॉबरी lonhri, a small iron pan. In the south-west also used for drawing water from a well, like डोझ dol. North of the Ganges it is also called जोडिया lohiya.
- 696. कॉड chhonrh or महका matuka, a copper or brass vessel for storing water in.
- 697. The सुराही surāhi or सोराही sorāhi is used for keeping water. जन्मशौ jaldhari (North-East Tirhut) is a water-pot.

- 698. खफन्तावा aphtāba or खफन्ताचा aphtāya, a water-ewer used for washing.
- 699. चिल्लामन्ची chilimchi north of the Ganges, चिल्लामन्ची chilimphchi in North-West Tirhut, चिल्लामन्ची chilamchi south of the Ganges, and चिल्लामन्ची silaphchi amongst Muhammadans, used for washing.
- 700. सरन्पोस sarpos, डकन्ना dhakna, or डपन्ना dhapna, a cover for other vessels.
- 701. मिलिया maliya or (Gaya) मिल्हिया malh'ya, a small cup for holding oil. Sometimes it is made of wood.
- 702. हीयट diyat or हीयट diwat or चिरकादान chirakdān (north of the Ganges), बरदन्यन baradwān (Gaya), and चिरागन्दान chirāgdān (Shahabad and South Munger), is a lamp-stand. In North-East Tirhut it is दीचिंड diathi, and in South Bhagalpur दिपन्रा dipra or दिपचन्रा dipahra.
- 703. चिमन्टा chimta or चिकंटा siūntha, also चूँटा chūnta, a pair of small tongs used for arranging the fire or turning over cakes on the griddle.
- 704. चंद्र-धो sanrsi, or (to the east) बावन्स्रो bāwli, or in South-East Tirhut बगुस्रो baguli, tongs used for removing the pot (बहस्रो batuli, &c.), from the fire.
- 705. चोरना khorna or चोरनी khorni, also चराइ sarān (North-West Tirhut), जटन्तन utkan (Patna, Gaya, and South Munger), एकन्टा ektha (Champāran), and चोपन lopan (East Tirhut), is an iron or wooden poker. पियनकर pihkar (Shahabad) is a wooden poker.
- 706. इसाम जिल्ला imām jista or (to the south-west) सावन द्वा hāwan dasta, or (South-West Shahabad) निमन्द्वा nimdasta, or (South Bhagalpur) समाम दिला hamām dista,—a pestle and mortar for grinding spices, &c
- 707. पिकन्दान piikdān or पिकदानी pikdāni, also to the west and south जगलन्दान ugaldān, (in Patna and Gaya) optionally चिरन्मिची chirmichchi, and (in South Bhagalpur) पिरगन्दान pirigdān, a spittoon. To the east and in Patna it is also पिरिकन्दान pirikdān.
 - 708. पनन्दान pandan or पनन्दार panbatta,—for keeping betel.
- 709. चेवर lewa, or in Patna and Shahabad चेवन lewan, and in the south-west of the district चेव leo, is ashes plastered on the cooking-pot to save it from fire.

710. The handful of straw, &c., used for cleaning metal vessels is জুঁড়া lūnra or লুড়া lunda. In South-East Tirhut it is optionally নুঁড়া nūnra. In South Bhagalpur it is নুড়া nūro, and in South Munger লড়া nunda.

711. Musalmans generally use the following vessels:—

पतीला patīla, a large copper vessel for cooking rice.

पतीसी patīli, देगन्वी degchi, or डेगन्वी degchi, a similar vessel smaller in size.

हेग deg or डेग deg, a somewhat larger pot for boiling.

इधन्ना badhna, the same as the Hindu खोटा lota, but with a spout.

बध-नी badhni, a similar vessel of smaller size.

करोरा katora, similar to the Hindu vessel, but made of copper.

पियासी piyāli, a cup.

पियाचा piyāla, similar to the last, but larger.

रिकानी rikābi, a saucer.

নৰাক tabāk, জিয়া jibbha in Champāran, or নৰাৰ tabākh south of the Ganges, a broad flat washing-vessel.

चिमन्टा chimta, &c., the same as used by Hindus.

सर्पोस sarpos, दकना dhakna, or दपन्ना dhapna, cover for other vessels.

चिलिमन्ची chilimchi, &c., the same as for Hindus.

चफ-ताबा aphtāba, the same as for Hindus.

तसत tasat or (when smaller) तसन्तरी tastari, a broad flat dish.

सेनो seni or (in South-East Tirhut) सेन sain, a broad shallow tray.

गगरा gagra, &c., as for Hindus.

ज्ञान lagan, a large vessel for storing water.

कराही karāhi, &c., the same as for Hindus.

भरना jharna, क्नीटा chhanauta, &c., as for Hindus.

पनन्वश panbatta, &c., as for Hindus. The इन्तन्दान husundān or (Gaya) कुमा hutta or कुमी hutti is similar, and contains additional compartments for lime.

बासन्दान khāsdān, for keeping pān or betel, with a cover.

The खिखन्बही khilbatti is used for keeping ready rolled up betel leaves, with the nut and lime inside ready for use (खिन्नी khilli).

पिकन्दान pikdān, &c., as for Hindus.

सोराची sorahi, &c., as for Hindus.

Lamp-stands, viz, फतीख सोज phatīl soj, and in Sāran also पटील सोज patīl soj, of brass; चिरागन्दान chirāgdān, of wood; दीवट dīwat, &c. (see Hindu articles) of iron; and बद्दान badwān, of bamboo slips.

नावा tāwa, &c., as for Hindus.

दख पनाइ dast panāh or दस पना das pana, tongs.

सिंखन्चा sinkhcha or सीख sīkh; also north of the Ganges गज gaj, a spit.

ভৰু dabbu, as amongst Hindus.

CHAPTER IX.—EARTHEN VESSELS.

- 712. The number of these is very large, and varies in each district. The following list does not profess to be exhaustive. It is in alphabetical order.
- 713. When a new earthen vessel is taken into use, it must first be used by a member of the family and not by one of the servants of the house; otherwise it is considered impure. This is considered as a dedication of the article to family use. To dedicate an article thus is ভর্মৰ urāhab, or in South Bhagalpur ভর্মৰ urhāeb, and in Sāran ভ্ৰাম্বৰ urāöl or শ্ৰামৰ añwāsal.

चंद्रा arhaiya, a vessel containing two and a half sers. In North-East Tirhut it is made of brass.

च्यान्त athra, a pan for making dough. चयानी athri is a smaller one used (in Gaya) for holding water, washing clothes, and roasting poppy-flower cakes.

चन्दर adhkar (east), a vessel used in distilling.

चनःचोरा abkhora, a drinking-vessel.

कॅटिया kantiya or कटिया katiya, a little vessel with a long neck. Cows are milked into it.

कत्ती katti (Patna, Gaya, and Sāran), or गत्ती gatti (Shahabad), a round potsherd used by boys in playing.

कपन्टी kapti, a kind of cup.

करदे karaī (South Munger), a water-vessel with a spout.

करन्ता karna (Sāran), an earthen vessel in which milk is boiled, also (North-West Tirhut) used for holding curds.

करन्या karua (West Bihār and South Bhagalpur), a water-vessel with a spout.

करिंचा karahiya, for boiling milk = कराही karāhi.

कराही karāhi (north of Ganges) an earthen pan in which clarified butter (चू ghyu) is cooked or milk boiled.

कलन्सा kalsa, कलन्सी kalsi = a घेला gharla, especially when ornamented with lime and colours at weddings, &c.

कर-तरा kastara (south-east), a saucer for holding curds.

कसन्तरी kastari (south-east) = तसन्तरी tastari, q.v.

बूड़ kūnr (west and Patna), a large vessel for holding grain and food.

সুঁৱা kūnra (north of Ganges), an earthen vessel in which sweetmeats or balls of rice mixed with sugar (ক্ৰমে kasār) are given to daughters when going to their father-in-law's house. In South Bhagalpur it is কুৰা kunda.

क्राइया kurhiya (South Bhagalpur), a small vessel for milk.

কুৰা kunda (Champāran, Shahabad, and South Bhagalpur), a large flat jar. See also কুৰা kūnra.

कोचा koha or पतुकी patuki, a small round wide-mouthed vessel for curds, or for cooking. कोच्या kohiya (Gaya) is a smaller variety.

खपन्ड़ा khapra, tiles.

earthen griddle for making bread or parching grain. When used for parching grain it is made by breaking off the top of a बेला ghaila, but that used as a griddle is specially made by the potter. In South Bhagalpur it is also called चिट्टिया chariya.

बपरोड़ी khaprauri (Gaya and West Tirhut), a pot for removing the afterbirth, &c., when a child is born.

खलाची khalchi (Shahabad), a little platter.

खापरि khāpari. See खपन्ड़ी khapri.

खादा khāwa (South Munger), an earthen cooking-vessel.

सीखी khīkhi (Tirhut), a vessel for holding oil.

खुस khūm (Patna), a large flat jar.

खोर khor, खोरा khora (Tirhut, Patna, and the south-east), a long round earthen vessel used by saltpetre-makers (नोनिया noniya) for holding the mother liquor; also (to the east and in Gaya) a large jar used for various purposes.

गगरी gagri, a vessel used for drawing water.

गत्ती gatti,—see वत्ती katti.

गमन्द्रा gamla, a flower-pot.

गुइन्की gurki, a drinking-vessel, especially for drinking spirits.

घड़ा ghara,—see घेंसा ghaila.

चरिल gharil,—see चेला ghaila.

षरिया ghariya (Shahabad), a drinking-vessel.

यूची ghuchchi (Sāran), a little dish with a narrow neck.

दुरिसी ghurili, a little vessel with a narrow neck.

घेला ghaila, घेली ghaili, घड़ा ghara, or घरिल gharil, a vessel for holding or drawing water. (See बचन्नी basni, डावा dāba.)

चही chatti (Patna and Gaya), an earthen cooking-dish.

चित्र्या chariya,—see खपन्ड़ी khapri.

বৰ্ষা charua, বৰ্ম charui (south of Ganges), a vessel for holding grain or for cooking = বৰ্ষা cherua.

বিকানী ঘাঁড়ী chikni hānri, a vessel for cooking vegetables, pulse, &c. After using it for several months it becomes polished and durable owing to the oil and butter cooked in it.

चिराक chirāk (South Tirhut and the west), चिराग chirāg, a lamp-saucer.

चिन्न chilam, the bowl of a pipe.

चुकः इो chukri (south-east), a drinking-vessel.

चुकानी chukni (Gaya), a small earthen jar.

चुकड़, चुकर chukkar, a vessel with straight sides and a very short neck, used for drinking.

चुचा chukka, a drinking-vessel.

चेत्या cherua, चेत्र cherui (north of the Ganges and east), an earthen cooking-dish or for holding grain = चत्या charua.

चौँपो-chaumpi (Patna and Gaya), an earthen vessel in which milk is boiled.

क्नान chhanān (Tirhut, Patna, and Gaya), a vessel with cloth at the top for straining toddy.

सोंड chhonrh (to the west), a large earthen jar.

सोंड़ी chhonrhi (north-west), a vessel for keeping water or grain.

जासा jāla, a water-jar.

**** jhajjhar, a croft for keeping water.

भव-दी jhabhi, an earthen vessel into which cows are milked.

भारी jhāri, a vessel with a long spout.

टरिया tariya (Champaran and the east), a small oil-pot.

टाइ tār, टाइा tāra (Gaya), an oil-pot. A smaller variety is टाइी tāri.

इरॅंया tuñiya, a drinking-vessel.

হুমাঁ tūān, হুই tuīn (Patna and Gaya and South Munger), a drinking-vessel with a spout.

देखारा tehra (Gaya and South Bhagalpur), a kind of pot for milk.

टॉरिया tontiya, a tile used as a water-spout at the eave of a house.

विजया thiliya, a vessel used for drawing water.

डबन्दी dabri,—see डिबन्दी dibri.

डावा dāba, a vessel used for drawing water smaller than a वसन्ती basni and a चैसा ghaila. In South-East Tirhut, used for boiling milk.

डिबन्दी dibri, and also in Shahabad डबन्दी dabri, same as सनन्दक sanhak, but smaller.

दक्रना dhakna or (east) दाकिन dhākani, a cover for other vessels. दक्रनी dhakni is a smaller one.

दिस-का dhimka (South Bhagalpur), a saucer used as a covering for other vessels.

नरकड़ी tarkatti, the vessel in which palm-juice (नाड़ी tāri) is collected at the foot of the tree.

तवाक tabāk (Patna and Gaya), a little platter (generally of iron).

तसन्तरी tastari, a saucer used by Muhammadans. When made of brass, also used by Hindus. Cf. कसन्तरी kastari.

नाइ tai (south of Ganges and Champaran), a griddle for making bread; a kind of shallow pan, with an edge for lifting it up by.

नेस-साँड़ी telhānri,, नेस-स्पा telhanda, a vessel for holding oil.

तंत्राय telāy, an earthen vessel for cooking oil or clarified butter धू (ghyu).

नौजा taula (north of Ganges, Gaya, and the south-east), a large earthen dish for cooking.

थपन्ती thapri (Patna and East Tirhut), a vessel for measuring milk. थास thāl, a platter.

द्वन्कन dabkan (Gaya), a saucer used as a cover for other vessels. द्वात dawāt, an ink-stand.

इचेंड़ी dahenri or (Patna and Shahabad) दहन्ड़ी dahri, for holding tyre (इची dahi).

दियरी diyari (north of the Ganges and south-west), दियारी diyāri (North-East Tirhut), a very small lamp-saucer.

दिचरी diuri or दिचली diuli, a very small lamp-saucer.

दीप dip, a lamp-saucer.

दीया dīya, a lamp-saucer.

दोरी diri (south-east and Gaya), a very small lamp-saucer.

हेग deg, a cauldron.

नदिया nadiya, for keeping tyre (दशी dahi).

नहोइ nadoi (Gaya), an earthen cooking-vessel.

नरिया nariya, a kind of tile (खपण्ड़ा khapra).

नाइ $n\bar{a}d$ or (east) साइ $l\bar{a}d$, a large earthen basin or bowl used as a feeding-trough and for other purposes.

पतिचा patila (Sāran, Patna, and South Munger) or पतीचा patila (Sāran and Gaya), an earthen cooking-vessel.

पत्तको patuki (west), a small round wide-mouthed vessel for keeping tyre or for cooking.

पनन्दोरा panchora (south of Ganges), a vessel used in distilling.

परन्दा parchha (West Tirhut), a large jar for water.

पराइ $par\bar{a}i$ (South-West Shahabad), a saucer used as a cover for other vessels.

परिया pariya (Patna), a saucer used as a cover for other vessels.

पिटौचा pitaua (Patna), a small earthen pan.

पियासा piyāla, पेयासा peāla, a drinking-cup.

करी phuchchi (South-East Tirhut), a vessel for measuring milk.

দ্বী phūri (South Bihār), a saucer used by Musalmāns in feasts of the brotherhood.

बधन्ना badhna, a water-vessel with a spout.

बरका baruka (South Tirhut), a drinking-vessel.

बसनी basni, a vessel for holding or drawing water, smaller than a घेला ghaila and larger than a डावा dāba.

बद्द-ना bahna (Patna and South Munger), a large flat jar.

बियार bithar (Patna), a large dish.

सभ-का bhabhka, a vessel used in distilling.

भदका bharuka or भदकी bharuki, a drinking-vessel.

भाँड्रा bhānra or भाँड् bhānr, a vessel with a neck for milk or clarified butter (च्रा ghyu).

सुरन्का bhurka, सुरन्की bhurki (in Tirhut), a drinking-cup.

भोजदन्ती bhojahri (south-east), an earthen dish used by Musalmans at marriages.

सँगन्रा mangra, the tiles along the ridge of a roof.

सटन्ता matka, and also (south of the Ganges and in Champāran) सहता matuka, an earthen vessel for holding water or grain.

सहका matuka = सटःका matka, q.v.

सर्नवान martabān, सर्नवान martawān (south of Ganges), सिर्नवान mirtawān (north of Ganges), an earthen vessel with a wide mouth ornamented with lac (साइ lāh).

सहारता malva (West Tirhut, Shahabad, and South Munger) or संखिया malva (North-West, West Tirhut, Patna, and South Bhagalpur), a vessel for holding oil. It is equally often of wood or metal.

माँड mānt (Gaya), a large flat jar.

मिर्नवान mirtawān = मर्नवान martawān, q.v.

सिटिया mitiya or मेटिया metiya, a round vessel with a short neck for water.

मेटिया metiya = मिटिया mitiya.

मेटा meta (South Bhagalpur and to the west) = मिटिया mitiya.

बेटी meti (South Bhagalpur), for holding tyre.

मीन maun, a vessel for holding date-juice.

रमन्त्रा ramkarwa (South-East Tirhut and Champaran), a drinking-vessel.

रकेबी rakebi = रेकाबी rekābi, q.v.

रमन्त्रका ramchukka (Patna and Gaya), a drinking-vessel.

বাবে rāis (East Tirhut), a little vessel with a narrow neck, used for holding milk and similar purposes.

रिकानी rikābi, a saucer.

रिकेबी rikebi = रेकाबी rekābi, q v.

रेकानी rekābi or (Patna and Shahabad) रक्तेनी rakebi, or (southeast) रिकेनी rikebi, a saucer.

स्त्रवन्ता labna (Patna and Champaran), a water-pot in the shape of an ellipsoid.

खबन्नी labni, the vessel in the shape of an ellipsoid, in which palm-juice (नाड़ी tāri) is collected from the trees.

चाद $l\bar{a}d =$ नाद $n\bar{a}d, q.v.$

चनकी sanki (South Bhagalpur and Gaya), a saucer used by Musalmans.

सनन्दक sanhak, सनन्दकी sanhaki, a broad flat dish used by Musalmans for eating boiled rice.

चरनी sarbi (South Bhagalpur), a cup for distributing pulse, &c., from the cooking-pot. Used at marriages.

सराची surāhi,—see सोराची sorāhi.

चेका हो sephāli (Patna, Gaya, and Shahabad), a flat earthen dish.

serha, a vessel for drinking spirits.

सोराची sorāhi (north of Ganges) or सुराची surāhi (south of it), a water-vessel with a long narrow neck.

चॅडिया hanriya, diminutive of चाँड़ी hānri, q.v.

चंद्रीसा hanrola, diminutive of दाँद्री hānri, q.v.

इथोना hathauna, a vessel for collecting date-juice, larger than a खबनी labni, used when the juice (नाड़ी tāri) flows freely.

साँही hānri or चेंदिया hanriya (small) or चेंदिया hanrola (small), a vessel for cooking or holding milk, tyre, &c.

CHAPTER X.-WOODEN VESSELS.

- 714. The कडोन kathaut or कटोनी kathauti is a large wooden dish for kneading flour. It is also called कटरा kathra south of the Ganges and to the west, नगाड़ी tagāri in Tirhut and Champāran. डगर्रा dagra in Champāran and Gaya is a large flat dish made of wood. The उन्हों uldi in the west, कहनी kathuli in Shahabad and South-East Tirhut, कटोनी katholi in North-East and South-West Tirhut, and कटरनी kathli or चित्रा arhiya in Shahabad, is a small wooden dish for scraps. In Patna, Gaya, and the south-east it is पेना paila.
- 715. The क्षरकोस kaskaul (Patna), किसा kista (Gaya and the south-east), and क्षरस्स kamwandal (generally), is a wooden cup carried by mendicants. In the north-west नरियरी nariyari is an oval one. तूसा tuma, तुसा tumma, or तुसा tumba, is the mendicant's gourd.
- 716. चॅननी sewti or (North-East Tirhut) चौथी sauthi is a wooden platter used by sailors.
- 717. डोकनी dokni (Sāran and Champāran) and ढकना dhakna (North Tirhut) are small wooden dishes.
- 718. The ভাই doi or (south of the Ganges) ভাষা doa, or (South-West Shahabad) ভাষা doki or (south-east) ভাষম doüä, is a wooden ladle used by Muhammadans in cooking pulse. The corresponding word amongst Hindus is, in North-East Tirhut, হাৰি dābi, and in Champāran হাৰা dāba. ঘতনো ghatna in Gaya is a machine for stirring pottage as it is being cooked.

CHAPTER XI.-LEATHER VESSELS.

719. South of the Ganges the महाना malva is used for holding oil. In Champāran it is परिचा maliya. कुषा kuppa or कुषो kuppi is for holding oil or clarified butter । श्रू ghyu). नदोद nadoi is used in Gaya for the same purpose. In North-East Tirhut धोक-इंग dhokra is a sack used for the same purpose, as in the proverb गूड्क चोट धोक-इं पुत्र जान gūrak chot dhokreñ punu jān,—it's only the vessel that knows the pain (or weight) of the molasses, i.e., only he who suffers, knows the pain. गेवहा gelha is a similar smaller vessel.

नेस्हा gelha or (in South-East Tirhut) चमन्ड्री chamri is also a vessel for carrying molasses.

720. कोट mot or बोटि moti is the large leather bucket for drawing water from a well. डोज dol is the smaller one. बसक masak is the leather water-skin borne by water-carriers. इसी कुणा dasti kuppa is the small leather bag used by torch-bearers (बसाइ-दी masālchi) for carrying oil.

CHAPTER XII.—LEAF-PLATTERS.

721. The दोना dona is a small round leaf-platter. In Patna, Gaya, and the north-west it is also called खोना khona, and in Shahabad खदोना khadona. The पत्तज pattal is a broader and flatter kind, and is also used as a kind of basket at Hindu marriages when a number of guests are to be fed. It is also called पनः दो patri in Shahabad, पत्ता patta in South Bhagalpur, and पनः दो patrauri or पनः मारा panmāra in Champāran and North-West Tirhut.

CHAPTER XIII.-STANDS FOR VESSELS.

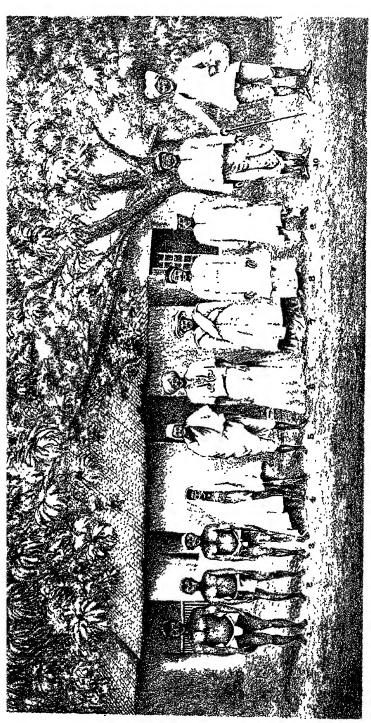
722. These are made of mud or brick, and known as चिर्चिड़ी ghirsirhi in the north-west, east, and Patna, चिस्री ghisiri in Sāran, चिर्चिखी ghirsindi in Patna and Gaya, चिर्चिख ghirsir in Patna and Shahabad, and चिर्चिखी ghirsandi in South Munger. Other names are चैंच-चारी ghailsāri in South-East Tirhut, घच-चारी ghalsāri in South Bhagalpur, चच-चरी ghalthari in North-West Tirhut, घड़ीँची gharaunchi (South-West Shahabad), and चौत-रा chautra or चोटा ota (Champāran).

SUBDIVISION III.

CLOTHES AND ORNAMENTS, &c.

CHAPTER I.-CLOTHES.

723. The general terms are कपन्ड़ा kapra, चीर chir, and जूगा lūga. The last has local variants, न्या nūga (South-East Tirhut) and जुगा lugsa, सङ्घा nunga, or न्या nūnga south of the Ganges. Other names, current principally to the west, are परन्या pahrāwa, बक्कर bastar, or



A Bihar Fashion Plute

CLOTHES WORN.

Kanjhappa, dohar. dhoti

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9. Chaugoskiya topi, āba. churidār paņama. 10. Bubknau topi, miryai, dkoti. 11. Muretka, dkitka, kwrta, chaldın, dhoti.

कपन्डा खना kapra luttu. A suit of clothes is called पाँचो दूत कपन्डा pāncho tūk kapra, and consists of a turban, loin-cloth, jacket, sheet, and bathing-cloth.

724. Amongst men's clothes are-

The turban.—पाग pāg, पगिया pagiya, पगन्डी or पगन्दी pagri is a piece of cloth woven for the purpose. The inner portion of the made-up turban (बृत के पगन्डी būt ke pagri) worn by the more respectable people is called फँटा phenta. सुरेटा muretha is a piece of ordinary cloth, or even a garment, such as the गमन्दा gamchha, चहर chaddar, or दोपदा dopatta, worn round the head. चीरा chīra is a checked turban. A piece of cloth wound under the chin and over the head is दादा dhātha; also गलीची galaudhi in Patna and East Tirhut, गलन्मोद्या galmochha in Tirhut and to the east and (optionally) south of the Ganges, and गलन्दिन galjin in North-West Tirhut and Gaya.

The cap is टोपी topi or नाडी tākhi. The round cap covering the ears worn by Brāhmans is सुद्धा munda in Sāran and North Tirhut, नासीवास kāsīwāl in South Tirhut, नास tāj in North-East Tirhut, Patna, and the west, and बमन्नी babhnau in Shahabad and South-East Tirhut. दोपिल्या dopaliya is a long cap made of two pieces, and the चर-पिल्या charpaliya or चौगोशिया changoshiya is round and made of four pieces. The कन-टोप kantop, कन-काण kanjhappa (both of these also to the west and in Patna), and कान-दार टोपी kāndār topi (all north of the Ganges), is a piece of cloth worn loose over the head. South of the Ganges it is कुल्ही kulhi or कन-काण kanjhappo (Patna and South Munger), कन-काण kanjhappi (Gaya), and कन-कोपा kanjhopa (South Bhagalpur). कुल्हिया kulhiya in Gaya is a boy's cap. घाँचा ghongha in Gaya is a wide umbrella-shaped hat of tāl leaves, worn in rainy weather.

726. The loin-cloth.—This is घोती dhoti. North of the Ganges and in Shahabad it is also called मरन्दानी mardāni, and in Shahabad, Patna, and Gaya लुड़ी lungi. The small loin-cloth is जँगोटा langota or जँगोटी langoti; also in Patna जड़ीट langot. Other names are कोपिन kopin, in Champāran कोपीन kopīn, and in the south-east नँगोट nangot or नँगोटा nangota. कथा kappa (east) is a small cloth worn round the waist by the poor. The भगन्दा bhagwa, or in Sāran अगई bhagaī and North-East Tirhut घरिया dhariya, is a small dhoti principally* worn by

^{*} It is not always worn by boys. Compare the proverb चोरक भगन्ता उत्तरि chorak bhagwa dāhī,—burn a thief's loin-cloth, i.e., disgrace him as much as possible.

boys. The विसन्दी bisti, or in Gaya विक्री bichhuti, is the scrap worn by poor boys. The small tight cloth worn by wrestlers, and also the usual cloth tightened up to allow of free play of the limbs in violent exercise, is काका kāchha or कचा kachchha. Other names are चरना charna (Champāran, Patna, Gaya, and the east), चिट chit (Patna), समासी samāli (Gaya and the south-west), भर-कड or भड़-कड bharkachh* (North-East Tirhut), and মন্ত্ৰাক bharkāchh (South-East Tirhut). तहन्तद tahmad, or in Shahabad तहन्त्र tahband, and in Champaran तही tahi, is a loin-cloth worn by Musalman mendicants (fakirs). The tag of the loin-cloth tucked in behind is पिङ्चा pichhua or पद्चा pachhua to the west. To the east it is हैं का dhenka or हें कुचा dhenkua. The loose end which hangs down in front is खूँड khūnt, गाँची sānchi (North Tirhut), and y puchchh (South-East Tirhut). In South Bhagalpur it is कोंची konchi. The knot in the loin-cloth for holding money, &c., is फॉड phānr, फॉड़ा phānra, or फाडा phanda. They are also called चंड chent or zz tent towards the west, and पूच pench in North-West Tirhut. Other local names are इड्डिंग harira (North-East Tirhut), ऐइन्हा airha or सही mūrhi (both South-East Tirhut).

- 727. The drawers.—These are पैजामा paijāma, also south of the Ganges रजार ijār and जिसन्तर khiskat (apparently a corruption of the Persian क्षेत्रंत्रके khiskat). In South Bhagalpur they are also called तमान tamān, and in North-West Tirhut सुरन्तास surwāl (a corruption of the Persian). According to the Kānūni Islām, the ijār and surwāl are not so wide as the paijāma. Tight drawers are सुन्दिर churidār, also सुन्त chust to the west and in South Bhagalpur. If loose at the ankles, they are मोस्टिन्स mohridār; also स्वानेदार khaltedār in Patna and to the west, सरन्तास barkābar in Gaya, and पैनेदार painchedār elsewhere. If loose, with pieces let in along the thigh, they are किस्स kalidār. जिन्ना janghiya are tight-fitting short drawers, such as those worn by wrestlers.
- 728. The jacket.—This is भिरन्जर mirja and also खुटिया जँगरन्खा khutiya angarkha.
- 729. The coat.—This is ৰন্ধা anga, বাঁনৰো angarkha, or ব্যক্তর chapkan. Those worn by Hindus open on the right breast, and those by Musalmans on the left. It is tied at the neck by a string, যুৱী

^{*} Compare Manbodh's Haribans, which is a Maithil poem. कदमक तद चिंद भडका मारि kadamak taru charhi bharkachh māri,—(Krishna) mounted the kadam-tree and tightened his loin-cloth.

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ghundi or मूँड़ी ghūnri, and also to the east and south सुद्धी bhundi or मूँड़ी bhūnri, and in South Bhagalpur सुद्धी bhundo, which runs in a hem, तुकःमा tukma, or (in Patna and Gaya) गांची gāli. The चनःकन achkan is a long loose coat buttoning right down the front. The कावा kāba or (south of the Ganges) कवा kaba is an outer coat open at the chest and sleeves. The निमाचीन nimāstīn (also called नीमा nīma south of the Ganges) is a jacket the sleeves of which reach only to the elbows, while the म्लुका shaluka and चन्दी sadari leave the arms bare.

- 730. The sheet.—This is चहर chaddar or चाहर chādar. This is of various kinds, viz. the होइर dohar is a doubled sheet hemmed all round. The गिवेज gileph, सबन्मा salga, or बोच khol, is similar, but is not hemmed all round, and is generally made of coarse cloth (मोडिया motiya). The प्रवन्धा ekpatta or प्रवन्धार eklāï is a sheet made of one breadth of cloth. चेड्रव्यहा derhpatta or चेड्रव्यही derhpatti is a sheet whose whole breadth is made up by sewing together two cloths, of which the breadth of one is half that of the other. The दोपच्या dopta or दोपहा dopatta is a sheet whose breadth is made up by sewing together two cloths of equal breadth. चन्सी utri to the east is an outer garment. To the west it is used (a) for the string tied round a corpse's neck, and (b) for the mourning garments worn for ten days by the करना karta, or person who lights the funeral pyre.
- 731. The stuffed quilt.—These have various names, according to the amount of cotton-wool in them, viz. खंडाफ lehāph (five or six sers); रजाद rajäi, नंदाजी nehāli, or (South Bhagalpur) जंदाजी lehāli, all of which hold from one to three sers; and the दोजाद dolāi, जीरक sirak, or (in South Bhagalpur) त्राद turāi or जीरग sīrag, which contain less than half a seer. The stuffing of the quilt is जरना bharna or (to the south) भराव bharāw or भराना bharāna. Bits of old cotton padding in a quilt are जाइन anga north of the Ganges. A similar quilt made of patchwork is गुड़रा gudra or गुड़री gudri. When made of rags it is खंगरा khendhra; also optionally in Tirhut, Patna, Gaya, and the east गुड़रा gendra, and in Shahabad जाँदरा lendra or जाइन्हा ledra. See also § 637.
- 732. The long coat worn by well-to-do people is with āba. The kind of court dress consisting principally of flounced petticoats is with jama.
- 733. The bathing-cloth, worn round the loins while bathing and used for drying the body afterwards, is named differently by Hindus

- and Musalmans. The former call it अँगोका angauchha or गमन्द्रा gamchha, a local variant being अँगोका angauchha to the west. A smaller kind, or handherchief, is अँगोकी angauchhi, गमन्द्री gamchhi, साफी sāphi, तीनी tauni (East Tirhut), or निचनी tiuni (North-West Tirhut). The Muhammadans call the bathing-cloth खुङ्गी lungi or जूँगी lūngi. The द्यारिया hajuriya is a similar bathing-cloth worn by Hindu mendicants (वैरागी bairāgi).
- 734. The purse.—This is चेला thaila, चेली thaili, बहू battu, बहुचा batua, or बहुदे batui. The भोरा jhora is a larger bag. In Gaya and to the west it is also घोषी ghoghi or घोकारी dhokri. The बगुली baguli or निस्न्दानी tildāni is a tailor's housewife. खोखर lokhar is the case in which a barber carries his razors, &c. The last is also called किसन्मत kismat north of the Ganges and किसन्मत kishat south of it. The moneybelt is डो इंग donra or डॉ इन्हा donrha.
- 735. The shoes.—These are जोड़ा jora, जूता jūta (or जुना jutta), जूती juti, or पनदी panahi. जेरन्पार jerpāï, खरन्पा kharpa, or (southeast) चटन्का chatka, are usually the shoes worn by women. The wooden bathing-patten with a peg to go between the toes is खड़ाचों kharāon, खड़ाजन kharāūn, or खड़ाँन kharānw (also to the east खराम kharām or खराचोनि kharāom) or चपन्टा chapta, and the clog held on the feet with strings or straps is बाघा bādha or बर्न्डा badha. In Sāran and South-West Shahabad खतन्दी latri are old shoes.
- 736. The Brahmanical cord is জানৰ janew, জানত janew, or (to the south-east) জানতভা janewa. The knots in the cord are মান্তব্য parwar or মান্তব্য parwal. In Tirhut and South Bhagalpur they are also মান্তব্য parbal. The ভাল বিভাগ sūt sikha is the projecting part beyond the knot. The length of the cord is measured by handbreadths (মানা chawa). A Brāhman's cord is 96 handbreadths long, and so also a Rajpūt's, but the knots are different.
- 737. The blanket.—This is जसर kammar, जसस kammal, or जस-रा kamra. In South-West Shahabad it is also राख rāl. A small blanket is जस-रो kamri or जसरिया kamariya. In Champāran and the south-east यूस dhūs or युसा dhussa is a thick kind of blanket. प्य-दारी pachhatthi is a large blanket five cubits long, and क्या chhahattha or क्या chhahatthi is six cubits long. घोषो ghogi is a peculiar way of tying a blanket over the head to save the wearer from rain. In South-West Shahabad it is also called घोषो ghonghi, and in Patna and North-East Tirhut युकी bukki. The blanket forms the subject of many proverbs: thus घोषो भीषो

त्यों कमार भारि jyoñ bhīje, tyoñ kammar bhāri,—the more a blanket is allowed to become moist, the heavier it gets, i.e., delays are dangerous.

- 738. A patch on the clothes is पेवन pewan, local variants being पेवन्द pewand south of the Ganges and पोना pauna in South-West Shahabad. It is also called पाटी pāti or परिया patiya to the east. Another name is चेफाड़ी chephri in North-East Tirhut.
- 739. When cloth is doubled, the outer piece is खनरा abra or (in South Bhagalpur) पद्मा palla, and the lining खनर astar or (in Champāran and North Tirhut) तसी tahi.

740. Among women's clothes are—

The sheet.—This is चारी or चाड़ी sari generally, with a variant सरिया sariya to the east. To the west and in Patna and Gaya it is also called चित्रचा khilua. It is also called जुगा luga, with, in East Tirhut. a variant, नगर nāga. In South Bhagalpur it is called बरन्स्त barhatthi (when 12 cubits long), and in South Munger खाँड़ी khānri or खडा khanda. An old torn sheet is लगरी lugri, as in the proverb नई घोविनियाँ चाइलि. लुगन्दिये साब्न लाइलि nai dhobiniyan aili lugriye sabun laili,—the new washerwoman has come and applied soap even when washing rags, i.e., a new broom sweeps clean. A proverb of similar import is नया नीकर खर्गोस प्रवडन्तारे, naya nokar khargos pakartāre,—a new servant will catch a hare, or, as they say in Ireland, a sharp fellow won't let a hare catch him. The smaller sheet worn by poorer women is जनानी घोती janāni dhoti or लुगारी lugri. Over the बाड़ी sāri is worn another sheet, called चहर chaddar or चाहर chadar, or (in Gaya and South Munger) पिकौरा pichhaura. This may be दोपन्टा dopta or दोपहा dopatta, as in the case of a man's sheet. The small sheet worn by little girls is प्रन्तापुर parkhanda to the west and in South Bhagalpur and Gaya बरन्ती barki in Patna and the south-west. It is फिल्या phalina in Saran and North-West Tirhut, มาัสโ ganti in South Bhagalpur, and फरिया phariya in South-West Shahabad. We also find खेरकी kheruki or खदकी kharuki, खदका kheruka or खदका kharuka, north of the Ganges. and yas at putli in South Tirhut, Patna, and South Munger.

741. The hem of the sheet is generally पाँचर anchar, and also जैंचरा anchra or प्यन्ता achra. This is also the part which covers the bosom. The first of these words is the nominative, and the others are more properly used with postpositions. Thus दे पाँचर बढ़ नीमन वा र anchar bar niman bā,—this border is very beautiful; but प्यन्ता में बाव्ह

achra men bānh delīn,—I tied it up in the hem of my garment. The end of the sheet gathered up and tied in front is wasta phuphuti. क्रमनी phuphuni, or क्रमन्दी phuphundi to the west, and कौंचा koncha or काँची konchi to the east. The pocket in front formed by loosening the part tied round the waist is खोरॅबर khoinchha, and in the extreme south-east खोणका khoechha or खोंका khonchha, as in the proverb बड-बक कनेयाँ के नी जाना खोरका burbak kaneān ken nau ana khomchhu,—it's a fool of a bride that only gets nine anas in her pocket (for wedding presents). The loose fold on the left side is in mealer gojhnauta. In the south-west it is fuelt pichhaura. When a woman is modest and meets a strange man, she draws her sheet or veil (see below) before her face. This action is called also ghoghat, or in Gaya चाचा ghuggha, in South Bhagalpur घोघो ghogho, and to the northwest ब्रु ghūgh or घोष ghogh; and when a woman wishes to be extra modest, she pulls a great deal over her face. She is then called बड घोषट bar ghoghat.*

- 742. चसन्दार chasdār is a dyed cloth with a double-hemmed border worn by women in Shahabad. In the same district समाह masārhu is a dyed cloth used by females of the lower orders, and जिसम्की jhimki is a cloth printed with flower patterns. ककन्देण kakreja is a purple, and पाजू sālu a red cloth, much used everywhere.
- 743. The petticoat.—This is generally खँदन्या lanhga. A looser kind is घँवन् ghanghra in Gaya and to the east, पहुन ghanghar in the south-east, and घँवर ghānghar in Shahabad. The घँवन् ghanghri is a girl's petticoat. काका kāchha is a mode of tying it under the leg. The waist-band through which the string is run is नेपा nepha, and the string itself is द्वार बन्द ijār band, or in the case of a bride or bridegroom नगरा nāra. The hem is also called कमरनार kamartor.
- 744. The bodice.—This, if it reaches to the waist, is कुर्ना kurta, भूसा jhūla, or in North-East Tirhut क्षिन kasani. If it is short, only covering the breasts, it is चाँग्या angiya or चोन्ती choli. A similar short bodice, worn chiefly by prostitutes, is called सद्भा mahram. This last in North-East Tirhut is called चोन्नी choli.
- 745. The veil or cloth worn over the head is चोड़नी orhni. When a veil or a sheet (चादर chādar) has a dyed border, it is called चुनरी

^{*} As in Manbodh's Haribans, where the wife of Akrūr, although very modest, still wanted to look at Krishna when he came into the house, ৰত্তাৰত যুৱ বন্ধা ব্যৱস্থাকি bar ghoghat punu takalo chāhia.

chunri or चुँदारी chundri, and also in Saran किसन्की jhimki. The border is called in North-East Tirhut पाढ़ि pārhi or पहिचा parhiya.

- 746. The drawers are पैजासा parjāma or (in North-West Tirhut) सरव्यास surval.
- Toilet requisites.—The antimony put on the edges of the lower eyelids is सुरम्मा surma, and the lampblack applied to the eyeball is काजर kājar, as in the proverb डाँव सुन काजर, कुडाँव सुन कारिख thāmw gun kājar, kuthāmw gun kārikh,—in the right place it is collyrium, and in the wrong place, soot. Lampblack is kept in a box called कचारीटा kajrauta or का नरीटी kajrauti. The coarser red lead put on the forehead and on the parting of the hair is vigt sendur or that senur. The finer kind placed between the eyebrows is track ingur. The silver spots put on the forehead are called fragil tikuli, and the round silver spot between the eyebrows is विन्दी bindi. The small silver or gold spots surrounding this are, in North-East Tirhut, बेनी beni or बेनिया beniya. comb is ककरहा kakha, ककरही kakhi, or कॅमही kangahi. It is also ककरवा kakua in Patna, Gaya, and South Bhagalpur. The चिख-गइन्नी likhgahni is a kind of comb used in Gaya. The hair-brush is डकन्सी or थकन्सी thakri. To the east भत्रनी jharni is a kind of brush made of the stem of a cocoanut leaf. A tooth-brush is হুৱুখন datuan. It is made by biting one end of a sprig of wood till the fibres form a brush. Hindus use a fresh one every day, but Musalmans keep theirs for a fortnight at a time.

748. Washing of clothes.—See §§ 389 and ff.

In making clothes, the following terms are used by the tailor or examiled darji:—

पद्ध pasāj is running, तुरन्पर turpaī hemming or felling, जरना urma is top-sewing, लङ्ग langar tacking or basting, and ज्ञ chān gathering. बिख्या bakhīya or बख्या bakhēa is stitching, चाँपा बिख्या chāmpa bakhīya is long stitching, and डोरी हे के बिख्या dori de ke bakhīya stitching-in piping-cord. ज्ञा jawa is a long stitch and a short stitch alternately, and काँटा फोड़ी पिख्या kānta phori pakhīya is a kind of stitching for which there is no English name. दुख-नान डोड़ी sultān lorhī is a mantua-maker's hem, पार्की sārjī is herring-boning, and जाड़ी jālī a kind of herring-boning for joining two cloths but not bringing their edges together. ट्रज darāj is a run-and-felled seam. When it is narrow, it is called गोड gol; when wide, रसख-पत्ती imalpattī; and when very wide, चौरा chaura. There are false hems of various kinds. When

the edges of the two pieces meet evenly, it is called पही patti; when the edge of the added piece extends beyond the edge of the main piece, the false hem is called, if it is narrow, सगःजी magji, which properly means the overlapping portion. If it is wide, it is called उद्याप sanjāph. When the overlapping portion is very wide, the false hem is called उद्याप lakhnawāla sanjāph, or in Shahabad उद्याप पद्माप lakhnawāla sanjāph. काज kāj is button-hole stitch, and इस hūl eyelet-holing.

749. বিভাৰনো silahra is a kind of embroidery. Two thicknesses of muslin are sewn together. The under one has holes cut out in it which are embroidered, and are visible through the upper one. It is used as an ornamental border. বিভাৱ bel is similar to বিভাৱনো silahra, except that patterns of various leaves, &c., and not holes, are cut in the lower muslin. বিভাৱনা singhāra is an embroidered scolloped or vandyked edge. ভালাই sorāhi is a piece of calico cut into an ornamental shape and appliquéd on to the shoulder of a coat. বিভাৱ দুখা ulta mundha is binding an armhole with piping-cord. কথা kantha is a rounded collar sewn in front of the coat. A sleeve is said to be ভুৱিহাৰ churidār when it is gored to fit tight at the wrist. A gore is ঘাৰ ghor. There is no Bihāri equivalent for "dart," "pleat," or "tuck."

CHAPTER II. - CARPETS AND MATS.

- 750. A floor-cloth is कालीन kālin south of the Ganges, north of the Ganges आजिम jājim, or (to the west) फरस pharas. A carpet is द्री dari, or when larger सनग्द्री satranji. A गर्लेचा galaicha or गर्लीचा galaicha is a thread mat. चही chatti in South Bhagalpur is a canvass mat, and चानी chāli in Gaya is a coarse kind of mat made of bamboo slips tied together.
- 751. चटाइ chatāi or चटेनी chataini is a mat made of various reeds or bamboo slips. A गोनन्दी gonri or गोंदन्दी gondri is made of the gond reed. In Patna, Gaya, and the south-west एफ saph is a long gond mat used when a number of people are assembled at a marriage, &c. In the north-west it is दाइन dhārha, in South-East Tirhut चटाव chatān, and in North-West Tirhut चटावर barhattha. A तदाय tarāy to the east is made of palm leaves, and a तदहे tarā in Champāran of reeds. चित्रस्थाटी sitalpāti is a fine mat for sleeping on in the hot weather. When a number of Musalmāns say prayers together on one carpet, it is called जानिसास jānimāj, or in South Munger सायनेसास jāynemāj; and when on a mat, it is called सफ saph.

CHAPTER III .- JEWELRY.

752. The following are some of the varieties of jewelry commonly worn:—

a.-Worn by Men and Boys.

- 753. On the ears.—बाजी bāli or (in Shahabad) बारी bāri. This is a ring. Also the कनीची kanausi (Patna and Gaya, where it is worn by Hindus only). Other ear pendents are मोती moti, गोखुला gokhula (and to the west also गोरन्दुल gorkhul) (an ornamented ring), कुप्ल kundal (a large ring), जोर lor (worn principally by Goālās), and कन-बाजा kanbāla. चोना sona is a plain ear pendent, and चनी anti is a plain stud fixed in the lobe of the ear. फिरन्की phirki is a double gold ring.
- 754. On the arms.—The बॉक bānk and चौकन्दा chauktha are worn on the right upper arm. So also the विजायड bijāwath or विजीया bijautha, which is, however, more properly a female ornament. The चनम anant and नावीज tāwij are various kinds of amulets.
- 755. On the neck.—The माचा māla is the bead necklace. The उद्दार udrāchh is one made of the seeds of the उद्रार rudrāchh (Eleocarpus ganitrus). The कदा kantha is a necklace with gold and silver ornaments or sacred relics attached to it. The मुंगचा mungwa is a coral (मूँगा mūnga) necklace, and the मोदर माचा mohar māla or मोदन माचा mohan māla is a long necklace of gold mohars and coral. The गोप gop is made of twisted gold wire, and it is also called दुन-सो ghunsi in Champāran, North Tirhut, and South Munger. The सिक-री sikri is a long chain going round the neck.
- 756. On the fingers.—This is अँगुडी anguthi, ऐंड्डा ainthua (Gaya), or चौंडी aunthi. The गोरख घन्दारी gorakh dhanhāri or गोरख धनारी gorakh dhandhāri is a puzzle-ring which takes to pieces and is difficult to put together again. मुंदररी mundri is a ring worn on the right little finger. गोच gol (Shahabad) and फेरचा pherua (Patna and Gaya) are kinds of rings.
- 757. On the wrist.—These are बाला bāla or (Patna and Gaya) बलेखा balea, पडेंची pahunchi, and also (south of the Ganges) पडचारी pahunchāri, कड़ा kara (south of the Ganges), करा bera in Gaya and to the west, जिमा jigga in Sāran, महिया mathiya in South Bhagalpur, and तोड़ा tora in South-West Tirhut. These are worn principally by boys. तैंती tainti is a kind of amulet in South Munger, Gaya, and Shahabad.

- 758. On the waist.—The chain hung round the waist is करम्बन kardhan or करम्बन kardhani; also घरन्द्रा harhara in the east. A kind of belt is चौँगन्दा, and of this जावा jāwa or जवादी jawāri, चँगन्द्रा langra and जर्दे jaī, are portions of the clasp.
- 759. On the ankles.—A boy's anklet is गोड़ॉब gorānw, गोड़ॉब gorānw, गोड़ॉब gorān, or कड़ा kara. South of the Ganges we also meet गोड़-डा gorha, मुँद्रा ghunghur, or मुँद्रा ghunghru (fitted with bells, used also in Tirhut), and चौरावी chaurāsi (when it carries 84 beads).
 - 760. On the toes.— अंगुटा angutha is a toe-ring.

b.-Worn by Women.

- 761. Ornaments for the head.—The ornamented hair-pin is चाँटी chonti.
- 762. Ornaments for the forehead.—The सँगानी mangtika or बनानी banni is an ornament tied in the centre of the forehead by three strings, one passing round each side and the other over the top of the head. They are fastened in the hair. Of this the ornament is called चौकाना chauktha, and the strings चिकारी sikri. The spangles or wafers gummed on to the forehead are चिकारी tikuh. Another name in South-West Tirhut is चिमाणा sisphul or चाँद chānd. In Shahabad चित्रा satiya is a wafer made of embossed paper and gummed on the forehead.
- 763. Nose-ornaments.—The nose-studs fastened on to the outside of one nostril is द्वारी chhuchchhi, in South Bhagalpur नकःचन्दा nakchanda, and in Patna and to the south-west जींग laung. It is not an easy thing to steal, hence the proverb करावें से सेयर चोरावें से इंडिंग laung. It is not an easy thing to steal, hence the proverb करावें से सेयर चोरावें से इंडिंग laung. It is not an easy thing to steal, hence the proverb करावें से सेयर चोरावें से इंडिंग laung. It is not an easy thing to steal, hence the proverb करावें से सेयर चोरावें से इंडिंग laung. It is not an easy lai saiyad, chorāwai lai chhuchchhi,—by name he is a saiyad, but he can steal even a nose-stud. The ring passing through the outside side of the nostril is चय nath. A smaller kind is चित्रया nathiya, and that worn by girls चयुकी nathuni. The वृक्षाक bulāk or विसर besar is a ring hung from the centre cartilage of the nose, and the कुलाकी jhulni is a similar one worn by women of the Rauniyār caste. It swings backwards and forwards, and is ornamented with beads.*

^{*} Nose-ornaments are peculiar to females. If a mother loses a first-born son she endeavours to persuade the demon who kills children that any future boys born are only girls, and hence not worth killing. To do this, she often makes the boy wear nose-ornaments, and calls him by some nickname, as Bulāki (wearer of a nose-ring), &c. There are other similar customs, such as giving opprobrious names to such sons who are born after the death of a first born, which it would take too much space to mention here.

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- 764. Ear-ornaments.—Ear-stude fastened to the lobe of the ear are करनन्मुख karanphul or कनन्मुख kanphul and खोटन्हा khotla, or in East Tirhut खुटन्डा khutla or खुडी khutti, to the north-west खुटन्डी khutli, and in Gaya and Shahabad खटिला khutila. The कवेंसी kanaili is a stud worn on the cartilage just where it leaves the head under the hair. Rings worn in the lobe of the ear are बाजी bāli, and those worn in the upper part of the cartilage Enterna. Broad plates worn across the ear are पात pāt, पत्ता patta, and तरकी tarki. A smaller kind worn in Gaya is called गोलन्वा golwa. Amongst pendents are the भूमक jhumak or सुमाक jhummak, which has two round pendents, and the किस-किसिया jhimjhimiya, which are flat pendents. The मकरिया machhariya is a pendent shaped like a fish. In South Munger it is called मक्लिया machhaliya. The जोर lor and कनीची kanausi form a set of ear-ornaments. The first are round plates with a square cut out of the inside, forming a kind of ring with a square inside. One of these is hung in the lobe of each ear. The latter is a ring. One is hung in the upper part of the cartilage of the right ear, and two in the upper part of the cartilage of the left ear. When a hole bored in the ear for an ornament is not in use, it may be filled up with a plug, called देन thek. When the ornaments worn are too heavy for the ear to carry without tearing, a chain is fastened round the ear so as to support the heavier ornaments. This is called travel sikri. Other ornaments for the ear are als bir (Tirhut), कॉप kāmp, and खुबिन्या khubiya in the south-east, and बिज्ञानी bijli in Patna and Gaya.
- 765. Neck-ornaments.—The चन्द हार chandar hār is a long chain. A नावील tāwīj is a similar one with an amulet attached. A set of three chains of various lengths is नेस्ट्री telri, and also to the north-west निस्त्री tilri, of five chains प्रान्थरी pachlari, and of seven chains प्रान्थरी satlari. The चिक्रिंग sikri is a long chain, and the बदी baddhi is a long chain crossing the chest and going behind round the body. इसेस humel is a necklace fitted with bells. Bosses tied to the throat are सम्पास्त्री champa kali, स्वान्य jugnu, and दोस्त्रमा सोकी dholna chauki. The last is principally worn by the bride at a marriage, and is the first ornament put on before the marriage ceremony. The देससी hansuli is the solid necklet open in front which goes round the neck, and the नवस tawak is similar with pendents in front (worn by Musalmāns). स्वित् sūti in North-East Tirhut is a kind of neck-ring. जना गोटा jawa gota, नास्वरस्त्रा

galsatka, बरन्दवानी gardawāni, and बरनी garsi, are various neckornaments used in Gaya. Other neck-ornaments are विज्ञा (SouthEast Tirhut), कटेसर katesar (Champāran, Patna, and South
Bhagalpur) or कटासर katsar (Tirhut and South Bhagalpur), and
बॅसिया khambhiya (South Bhagalpur). सार hār or स्रावा harwa is
the general term for a necklace, and मोनी मासा moti māla is a pearl
necklace, or one made with beads of the shape of pearls. स्वारी
labri and रामस darpan are two ornaments worn on the breast in
Gaya and South Bhagalpur. A हेसस haikal, or in Champāran
हेसस hailak, is a long necklace composed of flat pieces, generally
nine in number. When a man marries a second wife, an ornament
is made representing the first wife, which the second wife wears.
On the first occasion on which the second wife applies vermilion to
her hair, she first puts some on the ornament before applying it to
herself. This ornament is called स्रोतिन sautin, or in South Munger

766. On the clothes.—सनोरी manori are ornaments on the veil (चारी sări), and चॅचनरी anchri on the hem of the sheet.

Highest up on the arm is the बाजू bāju, or बाजू बन्द bāju band, which is a wide armlet. Below it the बिजाबड bijāwath, विजायड bijāeth, or बिजाबड bijāutha, which are five ornaments strung together; below that the बिराजी birkhi, which is smaller. Another name is बिरोडी birenti. Below this comes the बाँक bānk, made of one piece. It is worn by Hindu women on the right arm, but by Musalmans on both. Lowest down comes the बाँक bāhuntā, or to the west बाँच्या bahunta, of five pieces and round. Arm-ornaments worn principally by Hindu women are बाना anant and टार tār or टरिया tariya. Similar to the last is also another ornament called बाँचा bahutta. चिकारी sikri is a chain worn on the upper part of the arm. काविया jhabiya is a kind of inverted cup hanging from the arm, and to which bells (बचना bachwa) are attached; and बाँची ghundi little ball pendents hanging from the बाजू bāju or from an बाना anant. बनी mundhi is a clasp. बरेबी barekhi in South-West Shahabad is an arm-ornament worn by women of the Goāla caste. Arm-ornaments worn principally by Musalman women are,—on the upper arm, जीवन jausan, पान pāt (a flat piece tied on), and बाँचा bājulla, or in Sāran बिज्ञिख bijuli (worn immediately below the बाजू bāju); and on the forearm जीवना naunaga or (in. North-East Tirhut) ववस्प nabgrah of (nine stones). An

ornament worn on the back between the shoulders is called by Hindus पान pān or पनन्या panwa, and by Musalmāns बस्तान्दार balamtār.

- 768. Wrist-ornaments are कॅकन्ना kankna, कॅकन्नी kankni, or कॅगन्ना kangna, or in Champāran ककन्ना kakna, कचन्रा kachra (Gaya and the south-east), कतन्त्री katri, कॅमीटी kansauthi (Gaya and the south-east), खिया khasiya, गोजन्ना golva (Gaya and the south-east), च्रा chūri (bangles), छन chhan or छन्द chhand, जर्द jaī, जिम्मा jigga, टोड़ा tōra, तिनन्छणी tinkhandi, तिनन्नमा tinnaga, तिसियीटा tisiauta (Gaya and the south-east), नच्री naghuri or निगचरी nigihri, or (in Gaya and the south-east) जच्री laghuri, पचन्छणी pachkhandi, पकेजा pachhela or पकेजिया pachheliya, पटन्ती patri, पटन्ना patwa, पर्छची pahunchi, जेग्री banguri, बड़-एड़ा barhara, or in Gaya बड़-एर barhar, and in Champāran वेजस्रा belahra, बाजा bāla, बाँच bānhu, बेरा bera, बीँचा baunkha (Gaya) (made of thread), मिट्या mathiya, वपीटी rupauthi (Gaya and the south-east), and खच्री laghuri (see नच्री naghuri). The समन्सेबन्द samseband is a keeper worn on the wrist to prevent the चूर chūr falling off.
- 769. On the fingers.—A ring is अँगुडी anguthi. A round solid ring is इसा chhalla. Other names are चौंडी aunthi and एँड्या ainthua. The गोरख धन्हारी gorakh dhanhāri, &c., is the same as that worn by men; so also the गोख gol and फरचा pherua. Other rings are तिनन्दिवा tinchhaliya, बदन्दी की bahloh, अँगुद्धाना angustāna, चारन्दी ārsi (which has a small mirror attached), मुंदन्री mundri, जोमेचचा lobherua (south-east), दरन्यावादी daryābādi (ib.), पयन्रीटी pathrauti (ib.), चिरोतिया chiraugiya (ib.), अँद्धा ankhua (South Bhagalpur), सवानी mathāni (South-East Tirhut), बदानी badāmi (Tirhut), पोर por (ib.).
- 770. On the waist.—Waist-chains and bands are करण्यनी kardhani, कमरण्यस kamarkas, भाषा jhabba or भाविया jhabiya, गडौरा gathaura, भाषा amwara, कोचण्य kochban, कमरण्येच kamarjeb, भीपी sipi, जाफारी jāphri. The कोचण्यो kothli is a kind of pocket tied to the waist.
- 771. On the feet.—The ornament fitting on the ankle and covering and fitting on to the upper part of the foot is पाँव जीव pānw jeb. Like it are पावट pāwat, पेरी pairi, and पाँव चहुर pānw sankar. Over this comes the कहुन्हा charra or कहा chhara, a number of fine rings like the पूरी chūri on the arm; over this again the कहा kara; and at the top the प्रातिश्वार. The पूँचानी painjni are anklets with bells; so also निविद्या kinkini and भुष्व ghughuru or भूषु ghunghuru in Gaya and North-East Tirhut.

772. On the toes—are আঁপুতা angutha and আলা chhalla, which are rings. An ornament fitting over all the toes is বিভিয়া bichhiya. In Gaya and the south-east ৰহ্বী baturi is a toe-ring to which bells are fastened.

SUBDIVISION IV.

APPLIANCES USED IN WORSHIP.

- 773. The appliances of a Hindu temple are as follows:—The stresh āsni is a sort of mat made of kus grass, wool, &c., for sitting on.
- 774. A spoon for throwing water on the lingam is known as आंचननी āchmani; also अवन्मनी achmani in South-West Shahabad, अवोना anchauna in Gaya, अवोनी anchauni in Sāran, and कल्लकी kalchhi in South Tirhut.
- 775. The जनगातर jalpātar is a vessel in which water is kept, and a smaller kind is पंजनातर panchpātar. The जन्म argha is the saucer made of stone or metal in which the stone representing the lingam is placed. The पाँड़ी pīnri or पिष्टी pindi is the platform on which the lingam is placed. Other names are जनाइ sarāi (optional) in South-East Tirhut, जोरा chaura in South-West Shahabad, and ज्ञाड़ jakhār in the rest of that district.
- 776. चाडा ghanta or पड़ी ghari, also south of the Ganges घण्ड ghant, are gongs or bells, and the विज्ञा हाण्ड bijghant is a kind of gong with erect edges. घण्डा ghanta specially means a bell; भागा jhānjh (small) or भागा jhāl (large) are the cymbals. यह sankh is the conch.
- 777. The idol is ब्र्त murat, also स्रानी murti in South Bhagalpur, and पांराखन pārkhat optionally in South-East Tirhut. Its throne is चिंगासन singāsan or (in Patna and Gaya) चिंगासन singhāsan.
- 778. चोरन्सा horsa, or in the south-east इरन्सा hursa, is the round stone for grinding sandal-wood (चन्द्र chandan). Another name is चॅड्ररीटा chandrauta. The vessel in which the ground sandal-wood is placed is करोरी katori.
- 779. The censer is north of the Ganges भुपन्दान dhupdan, in Patna and Shahabad भुपन्दानी dhupdani, in Gaya भुपचारना dhupahra, and in the south-east भुपेड़ी dhuperi.
- 780. The द्यन्दान dipdān, द्यन्दानी dipdāni, is the lampstand holding only one lamp or wick. One with four or five wicks is called आरन्ती arti.

- 781. The स्विन्नी sumirni north of the Ganges and समर्ग्नी sumarni south of it is the rosary of nineteen beads. In Champāran and Gaya it is also सुमेर sumer. माजा māla, or in Sāran and Tirhut कर्रमाजा karmāla, is a similar rosary of one hundred and eight beads. समर्ग्नी sumarni, &c., are also used for the large bead at the end of a माजा māla. A जापंगाजा jāpmāla is a large rosary containing as many as a thousand beads. The अक्टोनरी ashtotri or अटोनरी athotri is a rosary which is kept in a small bag called मोरा jhora. Into this bag the worshipper puts his hand and turns the beads. The क्टाइ rudrāchh is a rosary used by worshippers of Shiva, as in the proverb नापक गरे सुँगरी, पूनक गरे क्टाइ bāpak gare mungri, pūtak gare rudrāchh,—the father has a club on his neck, and the son a rosary, i.e., the father is a scoundrel and the son a devotee.
- 782. The नुसा tūma, तुसा tumma, or तुमा tumba is the hollow gourd carried by religious mendicants (साम sādhu or जोगी jogi). It is also called करारी kathāri or सागर sāgar in Sāran and Tirhut. The तुसन्दी tumri is a small gourd. The कसप्रम kamandal is a similar vessel used for drawing water in a temple. A इन्द कमन्यन dand kamandal is a similar vessel made of metal (brass, copper, gold, &c.)

DIVISION III.

SOILS.

CHAPTER I.—CLASSIFICATION OF SOILS.

- 783. Soils may be classified-
 - (a) According to their distance from the village site.
 - (b) According to their constituent elements.
 - (c) According to the crops for which they are prepared, or which they usually produce.

CHAPTER II.—SOILS CLASSIFIED ACCORDING TO THEIR DISTANCE FROM THE VILLAGE SITE.

- 784. The concentric circles (रखन्दर halka) are generally, but not always, three in number. The nomenclature and division differ according to locality.
 - (a) The belt near the homestead, which is better manured, more carefully cultivated, and adapted for superior kinds of crops. The homestead is called अवादी abādi, डीड dīh. बसन्ती basti; and the belt of land गाएँड goënr, गाएँड्रा goenra, बोँड्रा gonrha, or बीँड्रा gaunrha or बाघ bādh; also कोरार korār in Patna and to the west, दिसाँच dihāns (Shahabad, Patna, and Gaya), घरनारी gharbāri in Patna and South Munger, and नहीं bari in South Bhagalpur. The land actually in the homestead is specially called the dīh, डिडाँस dihāns, or (in Tirhut) भीडा bhītha, and in Champāran भोड bhīth. डीइ dīh is properly an old village site or mound. If there are two clusters of dwellings of the same name some distance apart, the older one will be called stadi. water abadi is properly settled or cultivated land. The land near the village which receives the drainage of the houses is alter gohan in Shahabad.

- baharsi to the west and in Patna and South Munger. This belt is also called খাই sarch to the south-west as long as crops are standing on it. It is also called নাম্বা tādhi (Champāran), মহন্দ্ৰ baharbhām (Sāran and Tirhut), হাৰ tāl (South-East Tirhut), ৰহিমান bahiyār (North-East Tirhut), and ইয়ান bahār (South Bhagalpur). In Hazārībāgh it is called নিহ্বা singha.
- (c) The belt furthest from the village site is also called चार sarch to the west, also वर्ष्य baharbhām in South Munger. So that the second and third belts are only considered as one. There are also, however, separate names for the third belt, viz. टाइ tār, टॉइ tānr, or टॉड़ो tānri, which is used to mean high extensive wastes of infertile or gravelly soil, or of hillocks and ridges such as are found in Gaya, and चौर chaunr, which means low open marshy country. In South Bhagalpur भोटो bhītho is the land far from the village site which only produces bhadoi crops with much labour, and a still further circle is बरव baran, which bears no produce. In Sāran and Tirhut दोषर dīyar are the fields situated on the further side of a river, or islands formed by rivers.

CHAPTER III.—SOILS CLASSIFIED ACCORDING TO THEIR CONSTITUENT ELEMENTS.

785. Sandy soils.—बाजा bāla or बजाना balwa, बजाना balwar (North-West and in Patna and in Gaya), बजाना balwāh (South Bhagalpur), and बजाना baldhūs (Champāran), are soils principally composed of sand. Sandy loams are बजाना balsundar or बजाना balsundari, with local variants बजाना balsun or बजाना balsunhi in South Tirhut, बजाना balkasi in South-East Tirhut, and बजाना balsum in North-East Tirhut. They are also called बजाना baluat to the west, and बजाना balimat in Shahabad. North of the Ganges and in South Munger बजाना balua is land with sand on the surface and clay at some distance below. In Champāran and South-West Tirhut बार dhūs or बजाना balvai is an arid and sterile soil consisting of an admixture of sand and clay. A loose sandy subsoil, in which a clay well will not work, is बजा benga or बजाना bengua. In South-East Tirhut it is also

सुचन्नी bhusni. In Shahabad भीस bhīs is fine compact sand, and बाखा bāla loose coarse sand.

- 786. Clayey soils.—The principal is मिटियार matiyār, or in Gaya महिगर matigar, which is a brown clay soil, well adapted for rice. It contains about 60 or 70 per cent of clay. A stronger kind, containing about 85 per cent, is called केवा स kewāl. This is also called करार karār in the south-east. केवान kewāl in South Munger is of three kinds, viz. करन्का karka, which is black; गोरियदा goriatta, which is yellowish; and चनन्की chanki or गगन्री केवास gagri kewāl, which is mixed with fine gravel. This last is also called पद्या pathratiya in South Bhagalpur or (when it is of a reddish colour) गोरॅटिया पथन्तीटी gorentiya pathrauti. In South-East Tirhut केवाल kewāl is of two kinds, viz. गोरी केवाल gori kewāl, which is light-coloured, and तेलिया केवाल teliya kewāl, which is dark. करेंच karail to the west is a bluish-black soil, which contains more organic matter than महियार matiyār. In Shahabad it is divided into two kinds, viz. बाँगर करेंच bāngar karail, which is apt to crack on drying, and डोसा करेंच doma karail, which is of a more bluish colour than the other. A clay which feels greasy when rubbed in the hand is called दूषी dudhi or चिक्कन सिटी chikkan mitti or चिकानी सिटी chikni mitti; and सुरी bhusuri (west) and कचीच kachaus (east) are clay soils which soon dry on the surface. Takt rakhaur is a similar soil mixed with ashes, which is called in South Munger watter bhasurāhi. चनन्की chanki, or to the west चिग्नता sigta, are hard soils, which split and crack when dry. In Patna and Gaya कड्डबर kachhuiya is a loose clay met in digging wells. जनकी मिडी lalki mitti north of the Ganges, has geru south of it, and array kābis in South-West Shahabad, is a red clay.

 THE naram, and also to the east STR laram, mean soft when applied to clay. North of the Ganges, to the west, and in South Munger, was akrāh is a hard clay soil mixed with fine gravel. In South-East Tirhut it is कराही chharāhi. रोश्यिह roriyāh or रोरन्सा rorha is land which goes into hard lumps the size of eggs after preparation. क्रमन्दीरी kumrauti, or in Saran क्रमन्दीरी kumrhauti, and in Tirhut कारी माटी kāri māti, is potter's clay.
- 787. Loamy soils.—The चड्ड chahal or कहोइ kadoi is that which is never drier than mud, and in which crops are planted without ploughing. ट्वारी dhabri or टाव dhāb is land which is part of the year under water and part of it dry. होरच doras, or (in Patna and Gaya) होरचाडी dorsāhi, and (in South Bhagalpur) परचाती parsoti, and also

पंचाकटेल panchkatail in Tirhut, is a clayey loam; while बस्र-स्ट्र्र्ट balsundar (see sandy soils for other names) is a fine sandy loam. In Champāran बसन्ती babhni is a light red soil.

CHAPTER IV.—SOILS AND WATER ACTION.

788. Land thrown up by fluvial action is any sate gang barar (also spelt बड़ार barār), and that out away गङ्ग सिंकस gang sikast. कारन chhāran is land left by the retrocession of a river. zts tanr in South-West Shahabad, and परन्पर patpar in South-East Bihar, is newly-formed land so situated as to receive an annual accretion of alluvial deposit; but in Saran and South Tirhut परन्पर patpar is barren alluviated land. Sārān सासर māmas is rich alluviated land. In Tirhut, Patna, Gaya, and the south-east नरी tari means moist soil in hollows and at the foot of slopes. It also even means water Thus they say, 'Are you going नरी tari (by water) or खुसन्ती khuski (by land)?' In Saran तरन्यानी taryāni is similarly used. उरी tari is also applied to lands recovered by retrocession of a river. In Shahabad they are wing bhagar, and in the south-west of that district क्रिक्ट विदा chhichhlahiya. They are also called कारन chhāran. दीयर dīyar or दियारा diyāra is fresh land thrown up by the shifting of the course of a river. In Patna, and also in Champaran, it is called दिचरा diara, in South-West Shahabad डीजा dila. in South Munger दौरा dīra, and in South Bhagalpur दौरा dīra. The alluvial deposit left by rivers while still wet is called at kadai. कहोद kadoï, or पाँक pānk or पङ्ग pank (see § 789). Land rendered useless by deposits of sand is called कोरा बाख kora bāl (in Sāran) and बनान balan (North-West Tirhut).

CHAPTER V.-MUDDY AND WATER-LOGGED SOILS.

789. Land in the bed of a tank is in Patna and Gaya तरी tari. In Shahabad it is कींच kinch, and to the west generally कानो कियह kāno kichchar. Marshy or muddy soils and quagmires are भाष bhās and द्यानी dalki to the west and in Patna, and the latter also in Gaya and South Munger. In Tirhut, Sāran, and Patna they are द्यान्य daldal, in Patna and Shahabad पॅकच्चा pankha, and in the southwest of the last district खेंचन्हा khanchra. Lands usually saturated with water are प्राथम panmār north of the Ganges, स्वास्त sugra in South-

West Shahabad, चिंडाइ siñrāh in the rest of the district, विड़ाइ। sirāha in Patna and South Munger, चीड़ा sīra in South Bhagalpur, and चेजन seūt in Gaya. चन्ना dhasna is land liable to be submerged. It is called गींची gaunchi in Gaya and जजन्मी jalki in South-West Shahabad; in South Munger it is गींकी gaunchi. The old dry bed of a river is डाइन chhāran or (in North Tirhut) मरन maran. Other names are बाँड bānr in Patna and Shahabad and भोर jhor in the south-west of the last district. पाँक pānk, पाँकी pānki, or पद्म pank is earth wet and soft so as to yield to the tread, adhesive and rotting. Nothing will grow in it. कादो kādo, कदोइ kadoī, or कदई kadaī, is mud in which crops will grow.

CHAPTER VI.—HIGHLANDS AND LOWLANDS.

190. Highlands, as contrasted with river valleys, are उपरचार uparwār in Patna and to the north-west, बचर मूँ baharbhūm in South Tirhut, and उपरार uprār in East Tirhut. South of the Ganges डिचॉप dihāns is used in Patna, टॉइ tānr in Gaya and South Munger, डीच dīl in Shahabad, and डीच dīh in South Bhagalpur. In Hazārībāgh other names are उचाप uchās and डीचर dhībar. In South Munger गाइ gād is the corresponding word for a lowland. भीच jhīl or चौर chauñr, or in Sāran चाक kāchh, is low marshy land. In Patna, Gaya, and South Munger it is जाइ jāh. मन man is a large sheet of water of considerable depth, and in Tirhut जान jān is similar but something smaller. जान khāl, खन्ना khalva, or in the north-west खनार khalār or जन्म khalhar, is a hollow with or without water.

CHAPTER VII.—RAVINES AND MOUNDS, &c.

- 791. Land cut by ravines and broken ground is বিষয় bihar or (in Gaya) ৰাইড় bihanr. In South Bhagalpur it is অবিষয় arian. The elevated soil in the midst of ravines is হুছ dhūh or হুছী dhūhi in South-West Shahabad, ভীৱ dīl in the rest of the district, হৈছো tilha in Patna, Gaya, and South Munger, and হিছা tilkar in South Bhagalpur.
- 792. In Patna, Gaya, and South Munger 25 to tanrua or state nāla is a ravine. The latter word is also current to the west, and is only used when the ravine is also a water-course. In the south-east

the word is डाँड dānr. डेड कीचा derh kawa is also used in Patna. Uneven ground is उभर खामर ubhar khābar to the north-west and in South-East Tirhut, and महन्द्रा matha or डावर dābar (also in Champāran) in North-East Tirhut. South of the Ganges we have जवर खावर ūbar khābar in Patna, Gaya, and South Munger (also noted in Sāran), जैन खान ग्रेंगित hhāl in Patna and to the west, जजर खानड़ ग्रेंभित khābar in Shahabad, and जन्मी uchli in South Bhagalpur. A high river bluff is करारा karāra, चरना arra, चरार arār, चरार arāri or कहाड़ kachhār or कहाड़ा kachhāra. Other names are टाइ dhāh (north generally) and कॅमनिया kanganya (North-East Tirhut). The sloping bank of a river is in Shahabad तराजियाइ tarsivāi, and in South Munger निर tari.

793. A mound generally is दिल्हा tilha, or in South Munger दिल्हा टाकर tilha tākar. In South-West Shahabad it is दू तिमित, दू हो तिमितं (also in Sāran), डीज ती, or डिका dilla, in the rest of that district टीपुर tīpur, and in South Bhagalpur दिकीर tikor or दिकर tikkar. In South-West Shahabad पटन्परी patpari is a hill with a flat top. The sites of ruined villages are डीच तीते; also भीका bhītha in South Munger. The sites of old villages are often covered with potsherds, hence such sites are also called दिकन्पाइ thikrāhu in Patna, दिकन्पीच thikraul in Sāran, दिकारिया thikariya to the east, भिकारीर jhiktaur in Patna, Gaya, and Champāran, चिकारीर sikraur or भिकारीर jhiktaur in Shahabad, and भिकारिया jhiktiya in South Bhagalpur, the words for potsherds being भिकारिया jhikta, भिकारी jhikti, or टीकर thīkar or दिकादा thikra, also चिकादा sikra in Shahabad and भिकारी jhikta to the west.

CHAPTER VIII.—STONY SOILS.

794. Gravelly soils are कंकराची kankrāhi in Sāran and Patna, क्रिक्ड ankrail in Sāran, and क्रिक्डोर ankraur to the west. Gravel generally is in Patna and to the west चाँकड़ ānkar, and to the east मज़ड gangat; also everywhere कज़ड़ kankar. In Champāran and Tirhut it is इंकड़ी inkri, and in Champāran and Gaya क्रिकड़ी jhikti or गराँगड garāngat. Coarse gravel is in Shahabad क्रिकड़ा ankra, and fine क्रिकड़ी ankri. To the south-east it is गॅग-टा gangta and गॅग-टो gangti. Soil mixed with coarse gravel is गॅग-टियाचा gangtiyāha in Patna, Gaya, and South Bhagalpur, and गॅग-टाचा gangtāha in Patna and South Munger. चटान chatān is a hard rocky soil. Other names are डोकर dohar in South-West Shahabad, and प्रशरेकर pathrehar in South Munger.

CHAPTER IX.-CULTIVATED AND WASTE.

- 795. Classifying soils according to cultivation, we have cultivated land known as चवाद abād or चवादी abādi. It is also known in the south-east and Gaya as पद pah, in Patna as चीच वैटाचीच khīl baithāoil, and Shahabad as चिच्चार khilmār.
- 796. An inhabited village is बस-गित basgit or बस-नी basti, and a deserted village वे इपर be chhappar (unroofed), and also in South Munger निचिराकी nichirāki (without a light) and in Gaya दम-का damka. Other names for the latter are चजड़ ujar, चज-रस ujral, चजाड़ ujār, चज-इस ujra or (optionally in Tirhut) डीइ dāh.
- 797. Waste land is परीन parīt (Patna, Gaya, and South Munger) or परनी parti. Land which has accidentally gone out of cultivation is specially परान parāt in Sāran, पराना parāta to the north-west, and परान parānt or परना parta in North Tirhut. Waste land broken up for the first time is खोड khīl, or in the south-east खिल्लाड khilkat or खिल्लाडी khilkatti. In Tirhut it is also called खिल्लार khilmār. The second year after it is broken up it is खोड़ khīl to the north-west, पड़ pah in Tirhut, Shahabad, and the south-east, and पोड़ pauh in Patna and South Munger. The third year it is called खेन khet or (in Champāran) पड़ी pahi, and North-East Tirhut पड़ pah.

CHAPTER X.—FALLOW.

- 798. Land left fallow for sugar-cane from the previous spring harvest till the season for sowing the cane is called समार maghār, &c., see § 805. Land left uncropped in the autumn harvest and ploughed during the rains for the cereals of the spring harvest following is चीमास chaumās, and to the west also पिस्ट palihar. Those lands on which a spring crop is sown without any interval after the autumn crop is cut are called नारो nāri in Patna and South Munger, and जरो jari or जरो देन jari khet elsewhere south of the Ganges and in Sāran. Waste lands which are ploughed up during the rains and cold weather and sown in rice at the commencement of the next rainy season are called दोन रा चौमास dotra chaumās in North-West Tirhut, गर्मास gajānr in South-East Tirhut, विदार birār in South-East Bihār, and क्रमास्ट kulhar in the south-west.
- 799. Lands left fallow for a time to recover their strength are परन्ती parti generally. Other names are परन्ता parta in North Tirhut

and चाँच chānch in South Bhagalpur. Land which never lies fallow is खबाद abād or खबादी abādi. Another name is उटन्ती uthti in Champāran. North of the Ganges एकी rulli or (to the east) एकी runni is poor-light land which requires to be left fallow for a year or two. It also means land which has lost its fertility. Other words in use are क्ष jhūs and दल्क haluk to the north-west and in Patna, क्ष jhūsi in North-East Tirhut, कोदो korhi in Patna, कॉक chhānchh in Gayā, बॅगराइ bangrāh to the south-west of that district, विख्या कोदो tiliya korhi in South Munger, and खड़की algi in South Bhagalpur.

CHAPTER XI.—RICHNESS AND POORNESS OF SOIL.

800. बरियार bariyār or गहन्स gahra, or in South Munger जैयह jaiyad, is the general term used for rich soils. Others are जीगर jigar (Patna) and चोखा chokha (North-West, Gaya, and South Munger). Poor soils are इनुक haluk (North-West Bihār), रज्ञी runni (see § 799), तपन्नाइ tapnāh (North-East Tirhut), and उस thas, ज्ञास abbar (also in Chāmpāran), or जस्य usath south of the Ganges.

CHAPTER XII.-IRRIGATED AND DRY LANDS.

801. Land artificially irrigated is परोचा pataua or परोई pataui to the west. Other local names are परोना patauna South-East Tirhut, and पराची patāöl North-East Tirhut and परञ्चा patāhuāñ in Shahabad. In Gaya it is च्याचिर hathghiset, and in South-West Shahabad मरेबा bharaiya. Land irrigated from tanks or ponds is चानन chhānan in Sāran and Patna, फोर phor in South-West Shahabad, and elsewhere south of the Ganges चेचानी melwāni or (South Bhagalpur) मेखानी melāni. When irrigated from wells it is चोरावाची motwāhi to the west. Unirrigated land, or land which does not require irrigation, owing to its being, or its capability of being, flooded is चपारा apta. If watered after ploughing, it is चिरिकानी chhirikni to the west, पनीचा pachauān in South-West Shahabad, and पनीचा panaula in the rest of that district. चिपिका nipaniyān are in Patna unirrigated crops. In South Munger lands which require irrigation are चारावा, and there and in Sāran those which produce crops without irrigation are चारावा, and there and in Sāran those which produce crops without irrigation are चारावा.

CHAPTER XIII.—LANDS WHICH RETAIN AND WHICH DO NOT RETAIN MOISTURE.

802. This is the division most common amongst natives themselves. The moisture in land is दाल hāl. Land which does not retain it is बॉगर bāngar, and that which does is भीड bhīth, or ir North Sāran भाड bhāth. Under these divisions come other subdivisions, such as बलुचा बॉगर bāhīta bāngar (which is sandy), महियार बॉगर matiyār bāngar (which is clayey), and so on, and बलुचा भीड bāhīth, महियार भीड matiyār bhīth, and so on. Crops on bāngar lands cannot be cultivated without irrigation, and the expense of cultivation is therefore greater, but the yield more than compensates the outlay, being a third, and sometimes double the amount of bhīth produce. The latter lands are sometimes irrigated and sometimes not.

CHAPTER XIV.—LANDS BEARING A SINGLE AND A DOUBLE CROP.

803. Lands which produce only one crop in the year are प्रकासिखा ekphasila or प्रकासिखी ekphasili. In Champāran they are called प्रकासिखा eksaliya. चौमास chaumās lands (also called पिल्डर palihar to the west) are kept free from crop during the rains, and tilled for the cold weather crop. Lands bearing two crops in the year are दोपसिखा dophasila or दोपसिखी dophasili, or in Champāran दोसखिया dosaliya. In South Bhagalpur they are दोसाख dosāl. Land on which crops are grown all the year round is तिनन्यसिखा tinphasila.

CHAPTER XV.—TERMS USED IN CONNECTION WITH DIF-FERENT CROPS.

- 804. The following terms are used in connection with different crops.
- 805. Sugar-cane.—Land prepared for this crop is उजाँन ukhāñw or उचान ukhāo. Land constantly ploughed for cane or any other crop from Asārh to Māgh are समात maghāt in South-East Tirhut, समाइ or समार maghār in Sāran, Patna, and South Munger, समञ्ज्ञ maghra in Gaya and the south-west, and समुचा maghua in South Bhagalpur. Land under cane is उचारी ukhāri in Shahabad. जनस्म jathhan in South Munger is land cropped in the previous year with cane.
- 806. Cereals.— चराजिन्सा harjinsa are those lands which grow all crops except transplanted rice.

- 807. Garden crops.—Land suited for growing garden crops is कोरार korār in Patna and to the west and कोरियार koriyār in Patna and Gaya. Other names are कोरॉड korānt (South Tirhut), केरियार kairiyār (Shahabad), बारी bāri in Tirhut, and खनिदानी latihāni in South Munger. These names apply rather to the use to which the land is put than to the kind of soil, most of them being connected with the word कोर्रो koïri, which is the name of a well-known caste of garden cultivators.
- 808. Cotton.—In Shahabad the following kinds of land are suited for the various kinds of cotton:—

Cotton.						Land.
(1) रहिया rarhiya	•	•	•	•		बरेंच karail.
(2) बॅड्न्स banrchha		•	•	•	•	बोड़ार korār.
(3) चोवन्ती hewti	•	•	•	•		षरियार bariyār.
(4) मनव्वाँ manwān			•			नद्ग्वाँसी nadwāñsi.

- 809. Pulses.—Land under gram is called चैता chaita in South Bhagalpur.
- 810. Maizes, millets, &c.—Land under these crops is stand dotura north of the Ganges. The word means properly land in which both a rainy season and a cold weather crop can be sown.
- 811. Spring crops.—Light friable soil suitable for these crops is called भीड bhith or भीडा bhitha, also in Gaya भिटारा bhithāra. See, however, § 802.
- 812. Rice.—Rice land is बनन्दर dhanhar. In Gaya it is called वन विद्यारी dhan kiyāri, and in South-West Shahabad घनन्वर dhankhar.
- 813. Land under trees, brushwood, &c.—Forests are बन ban or जाइस jangal. A grove is बर्ग चा bagaicha or गासी gāchhi. बाग bāg is a garden, and बिग्या bagiya an orchard. फल-वारी phulwāri is an orchard, enclosed, irrigated, and stocked with fruit-trees. A खाने बाग khāne bāg in Champāran and Patna or नजर बाग najar bāg in Gaya and Shahabad is a grove attached to a shrine or other building, and growing flowers as well as fruit.
- 814. A mango grove is जाम के बगैचा ām ke bagaicha, or in Tirhut बाची gāchhi; a clump of bamboos is बाँच के कोडी bāns ke kothi in the north-west, बँग-बारी banswāri north of the Ganges generally, and बाँच कोड bānsak bīth in North-East Tirhut. In Patna it is बसेड़ baser, in South-West Shahabad बँग-बार banswār, and elsewhere south of the Ganges बचाइ basār. In South Bhagalpur it is also called बोटो bīto, and

in Tirhut बोच odh. A young grove of fruit-trees is गहुनी gachhuli north of the Ganges, also नौराची naurāhi in Champāran, नरोइ naroï in Champāran and Tirhut, and खन गहुनी lab gachhuli or नव गहुनी naw gachhuli in Tirhut. Another name is नव पेड़ा naw pera. South of the Ganges it is जीगारी laugāchhi to the south-east, केड़-वारी kerwāri in Shahabad, नरोइ naroïn in Patna and South Munger, and नौनेड़ा बगैचा naukera bagaicha in Gaya. A belt of trees on either side of a road is पाँती pānti or पितयारी pantiyāri, and also खन्दरीं lakhrānw to the west and पाँता pānta in Tirhut.

815. Land producing brushwood is with jhara (Saran and Patna) or पन विद्वार ban chhihuli (South-West Shahabad). Brushwood is भार jhār, mort jharha, or to the north-west and in Patna and South Munger भूर jhur. Small stunted brushwood is भावनी jhakhuli or भावती jhakhuri north of the Ganges and in Patna, राजी raunji in Patna, and भरकारी jharkanti in South-West Shahabad. Land producing tall thatching-grass is well kharhaur or well kharhaul, or south of the Ganges खरझर kharáhur. Other names are सुजन्दानी mujwāni, कँड्नानी kanrwāni in the north-west, and ईजन्दान munjwān in Shahabad. In South Munger it is with kharaitha. The principal of these grasses are पटेर pater, खर khar or खरई kharaī, रारी rāri, डाभी dābhi, इक्कर ikkar or इकरी ikre, मूँज mūnj or भाजाय jhalās. Of the last, मूँज mūnj is properly the bark used for making string, many jhalas the leaves used for making rough thatches, att kāñra the stout lower part of the stalk used for roof-thatching, and चिरन्ती sirki the upper or reed part used for making sieves and mats. Reeds are strate narkal, and the land producing them is नर्कान narkān in Champāran.

CHAPTER XVI.-LAND IMPREGNATED WITH SALT, &c.

816. Land impregnated with impure carbonate of soda रेस (reh) is जसर ग्रंडवर or जसार ussar. Other names are रेसास rehāh or रेसाइ rehār (East Tirhut) and रेस्ड्डा rehra (Pātna, Gaya, and South Munger). जारी khāri or (South Bhagalpur) खरन्य kharwa is land impregnated with sulphate of soda. नोनी noni south of the Ganges is land impregnated with common salt. Other names are नोनियास noniyāh, नोनियारी noniyāri, and नोनन्स्रास nonchharāh. In South-West Shahabad चाँप chāmp, and in the rest of the district चाँदिस chāndil, is जसर ūsar land, in which spots of good ground are scattered.

DIVISION IV,

GENERAL AGRICULTURAL OPERATIONS.

SUBDIVISION I.

PLOUGHING AND HARROWING.

CHAPTER I.—PLOUGHING AND HARROWING.

- 817. To plough is इर जोतन har jotab, इर बद्दन har bahab, or इर च्यापन har chalāeb. इर नाघन har nādhab is properly to yoke the oxen to the plough (also called चरनी larni in Champāran and South-East Tirhut). Other expressions for ploughing are चिराचर के घरड sirāur ke dharal or चरिया के जोतस sarıya ke jotal in Champāran, पैच घरच pais dharab (or प्रच घरच puis dharab in North-East Tirhut) in Champāran and Tirhut, and दिवन घरचान dahin dhareāo in Champāran and South-East Tirhut. One ploughing is चाच chās, and in Gaya and to the west also बाँच bāñh: thus, एक बाँच ek bāñh the first ploughing, दो बाँच do bāñh the second ploughing, and so on.
- 818. The first ploughing is called पश्चित्र चाम pahil chās or फरन्नी pharni. In Gaya and Champāran it is फारन phāran. Lands sown after a single ploughing are भोकीचा bhokaua in the north-west and जीता बावग jota bāwag in Champāran and Tirhut. मघाड़ जीतव maghār jotab is north of the Ganges and in Patna and Gaya the ploughing in the month of Māgh (January-February) of lands intended to be sown at the next rainy season. In East Tirhut and Champāran this is also ealled चौनाँच जीतव chaumāns jotab. In Gaya and Champāran it is also मघाड़ा चास maghra chās, in Shahabad मघावट maghwat, and in the south-west of that district कुजाबद kulhar. In South Bhagalpur it is माची चास māghi chās, and in South Munger मचाड़ maghār. The field which is thus ploughed is विद्वार birār to the west and south and पर pah also south of the Ganges and in Champāran. North of the Ganges it is called चौनाँच chaumāns.

- 819. The second ploughing is दोबार or दोखाइ dokhār. In Gaya and Champāran it is also called पुरन्ते purve. Other names are सोसन्दा somra to the north-west and समार samār in North-East Tirhut, दोबार dohār in Champāran and North-West Tirhut, and दोबन्दावन dohrāwan in South-West Shahabad; and the same names are also applied to the field so ploughed. In the south-east the second ploughing is called चास chās, दोबार dokhār being the third ploughing.
- 820. The third ploughing is तेखार tekhār and also (in Champāran) तेखारा tekhra. To the west it is also तेखारावन tehrāwan. In the south-east it is दोखार dokhār. The same terms are used for the land so ploughed.
- 821. The fourth ploughing is in East Tirhut and Gaya चौबार chaukhār, and in Shahabad, Gaya, and South Bhagalpur चरन्सी charchasi. Elsewhere it is चार चास chār chās; so also the land so ploughed.
 - 822. The fifth ploughing is पानन्यास pānchās.
- 823. The phrase used for successive ploughing is চন বাৰ ek chās, হু বাৰ du chās, and so on. Theoretically there is no limit to the number of ploughings required for some crops, as is shown in the following rhyme current in Gaya:—

सी चास गखा, पचास चास मखा, तेकर चाधा मोरी तेकर चाधा नोरी Sau chās ganda, Pachās chās manda, Tekar ādha mori, Tekar ādha tori.

—A hundred ploughings for cane, fifty for wheat, half that (25) for rice, and half that $(12\frac{1}{2})$ for oilseeds.

- 824. The ploughing of millets, when they are about a foot high, is विदास bidāh, a local variant being विद्रास्ती bidahni in Champāran, West Tirhut, Patna, and the south-east. In Gaya and Champāran it is कोइन koran, and in South Munger, when hoeing is substituted for ploughing, it is कोइन्सी korni. When a rice-field is flooded and then ploughed to kill the weeds, the process is called जैन leo in the north-west, जैना lewa in Gaya, and कादो kādo or कदन्ना kadwa to the north-west and in Tirhut. In North-West Tirhut it is called समाद masāh.
- 825. In Saran and Champaran ploughing with a plough of which the block is new and full-sized is नवन्डा के कोन nawtha ke jot, and

with one which has a small worn block खिनौरी के जोत khinauri ke jot. In Tirhut and also in Champāran the corresponding words are respectively खबन्दा के जोत lawtha ke jot and देंद्रा के जोत thentha ke jot, and in Shahabad नवहन्दा nawahra and खँटहन्दा khuntehra.

- 826. In rice cultivation, after sowing, the field is lightly reploughed to clear the weeds and cover the seed. This is called उनार unāh to the north-west and in North-West Tirhut, जनर gajar in the North-East Tirhut, and उनार samār in Champāran and South-East Tirhut. In Patna it is उनार samāh, in Gaya विराह birāh, to the west and in Patna and Gaya विराह bidāh, and in Champāran and to the south-east विरुह्मनी bidahni.
- 827. The small pieces of the field which the plough has not touched are पेंच pais in Champāran and South-West Tirhut and पुर्च puïs in North-East Tirhut. In North-West and South-East Tirhut and in Champāran they are दिस्ता dahina, and in Sāran and Champāran कृष्ट केन chhūtal khet.
- 828. Cross-ploughing is stat āra, or in Champaran and South Bhagalpur चार ar, and in South-East Tirhut चमार samar. When a field is ploughed round and round in constantly diminishing circuits. it is called चौकेटा chauketha or (in Patna) चौएठा chauetha, चारी चास ari chās in Gaya, चौबगन्ती chaubagh in Champaran and Gaya, and चौगडिया chaugathiya or चौक chauk to the west. In Saran and Champaran it is चौगेट chaugeth, in South Munger भौरिया bhaunriva, and in North-West Tirhut चौकेर chauker. The centre plot in the middle, round which the bullocks have no room to turn, is called बदन्दार badhār, and this is furrowed by taking the plough across it diagonally from corner to corner. Ploughing from corner to corner is कौनिया जीत koniya jot or कीन kon. also कोनन्सी konsi in South Munger, कोनसिया konasiya in Champaran and South-West Tirhut, and in Gaya, and and and hona koni to the west. When a crookedly-shaped field has to be ploughed, it is called जना छोड़ी जोत una dyorhi jot in Saran and Patna and जनाडेडी जोत una derhi jot in Champaran. When a rectangular field is ploughed straight along its length or breadth, the ploughing is called the स्तोत sojhaua jot. Other names current are उद्गाई tharhāiñ in Patna and Champāran and टहिया tharhiya to the west. Ploughing breadthways is फानी phāni in Sāran and North-West Tirhut, फटनकी phatki in Champaran and the south-east, जना कानी una phani in Patna, and फॅडिया phandiya in South-West Shahabad.

829. The following rule is current in North-East Bıhār as to ploughing and harrowing:—

थोर जॉनिस्त बद्धन सँग्रस्त, ऊँच के बँधिस्त खार। उपजे तत उपजे नासीँ तत्र घाघे दीस्त गार॥ Thor jotiha bahut hengaiha, unch ke bandhiha ar, Upje ta upje nahīn, ta Ghāghe dīha gar.

- —Plough little, harrow much, and have your field boundaries high. If what should come does not then do so, you can abuse Ghāgh (who gives you this advice).
- 830. A harrow is हेंगा henga, &c., as described in § 30 and ff. To harrow is हेंगापन hengāeb, हेंगा चलापन henga chalāeb, or चौको घुमापन chauki ghumāeb. The act of harrowing is in Gaya पासट pālat.
- 831. The oxen attached to a harrow have various names. The one on the left-hand side is called पँचीट panchaut or कुड़द्दिना kurdahina, and the one next to him इयोका hathaua. The right-hand ox is पेरा phera, or in South Munger भगनी bhasni.

CHAPTER II.—FIELDS.

832. A field is खेत khet. Other names also current are टोपन्सी topri and पारी pāri south of the Ganges, टोपन्रा topra to the west, and stat dabar in Champaran and Gaya. In South Bhagalpur the words बादी bări and बिच्चार bahiyār are used. Beds made in a field to facilitate irrigation and for other purposes are कियारी kiyāri, and also in Champāran ঘৰাবী gharāri, in Patna and to the south-east गँडारी ganrāri, and in Gaya गॅड़ारी genrāri. Similar beds in a sugar-cane field are called दाता वाला hāta wāla to the north-west and in Gaya and North-West Tirhut, and भोर jhor or मोरा jhora south of the Ganges. In the north-west भोरा jhora is a large bed, and so also are पदन्टा pahta in Gaya, Sāran, and Champāran, परिया pariya in South-West Tirhut, इवन dawan in Champaran and North-West Tirhut, and कियारा kiyāra or भेर bher in East Tirhut. The raised banks between the irrigation beds are मेंड menr in the north-west and चार ar in Tirhut. In Shahabad, Patna, and Gaya they are acres karha, and in Patna and Gaya परना panrga, in South Bhagalpur पराङ्गा palanga, and in South Munger दौग daug. North of the Ganges a plot marked off by a boundary is sign attent hata wala in the north-west and South Munger and बरन्ती वाखा chharki bāla in East Tirhut. The small patch of ground adjoining a house is को सा kola, को सी koli, or को स्वाद kolvār to the north-west, and बारी bāri in Champāran and Tirhut. को सा kola also obtains in Shahabad and the south-east. In Sāran and Patna it is स्वाद khand or खें ह khanr (which properly means a ruined house), and in Gaya घेंचारी ghewāri. Other optional names are गाडी galli in South Bhagalpur and को नासी konāsi in Shahabad. When the fields of one proprietor's share are scattered over a village, each is called नवन्ता takhta or किना kitta. The whole cultivation of such a proprietor is called बेनी वारी kheti bāri to the west and in Tirhut; also खेन वघार khet badhār in Shahabad and Patna, and खेन पथार khet pathār in Champāran and South Munger. In Patna and Gaya खन्न khandh, खन्ना khandha, किना kitta or किना kita, is a large area of cultivated land. A division of this is खेंगेट khandhaut, which is again divided into fields.

CHAPTER III.—BOUNDARIES.

- 833. The low ridge which forms the boundary of a field is everywhere आर ar, आरि or आरी ari, as in the proverb आरि जारे तर कपार खाडी. बीच बङ्गा चरनाही, ari jai ta kapar lathi, bich banga charwahi, -if you go on a field boundary have a stick (to protect) your head, (and then) you may graze your cattle in the midst of a cotton-field. North of the Ganges it is also called डंड्ड danrer. Other names are अवस्ती ahri (see § 919), चलङ्ग alang, or पराँउ paranth in Patna, Gava, and the south-west; पॅरना panrga, गॅड़ारी ganrāri, चाइल āil, or चाल āl in Gava and South Munger, and ste danr in South-West Shahabad. A ditch boundary is खद्र khaī, खाद khāi, खता khatta, or खावाँ khāwān. Another name is sent khanta in South Bhagalpur. In Gava district sixet dobbra is a small ditch. An embankment used as a boundary is बहरा ahra (see § 919) or बाँघ bāndh. Other names are भरवन bharban (Champaran), क्र dhur (North Tirhut), and करव्की chharki (South-East Tirhut). A place where three boundaries meet is तिनन्कोनिया tinkoniya, and where four meet चौसुख chaumukh, चौबटिया chaubatiya, or चौराचा chaurāha. In Champāran and South-East Tirhut it is also चौपड chaupar.
- 834. The rural Bihāri lays great stress on the importance of keeping these boundary embankments in order. Thus, there is a proverb टारिक चुकल बावर; धारिक चुकल किसान thārik chukal bānar, ārīk chukal kīsān,—a cultivator who neglects to look after his boundary embankments becomes like a monkey fallen from a branch. Another

proverb which may be noted here is खेत भारी. चारि कोड़ी khet bhāse āri kori,—the field is flooded, cut the boundary embankments, i.e., passion must have its vent.

CHAPTER IV.-FURROWS.

- 835. A furrow is इराइ harāi to the west. In Champāran and Tirhut it is चिराचर sirāur, in Patna चिरोर siror, and elsewhere चिरोर siraur. In Gaya another name is चेवान sewāt. भाषिका jhanjhiya or चारी dhāri in Gaya and Sāran, and चरे ghaī in Patna and South-East Tirhut, are the deep furrows in a field in which extra crops are grown, especially those at the edge of the field, or running from corner to corner.
- 836. The deep furrow used as an irrigation channel is चारा āra in the north-west, पैन pain or पैनि paini generally, दौँगर daungar in South Tirhut, Patna, and Gaya, नारी nāri or करन्स karha to the west and in Patna and Gaya, मीता bhīta in East Tirhut, and दौग daug in Patna and to the south-east.

CHAPTER V.—MISCELLANEOUS TERMS USED IN CONNECTION WITH PLOUGHING.

- 837. To the west चाँभावे sānjh le, चाँभावा sanjhiya, and चंजाचिया sanjhariya mean 'up to evening,' or 'at evening' and hence are used as adjectives with the word जोत jot to signify as much land as can be ploughed in a day. In Champāran and South Munger this is चगर-दिना sagardina, and in Patna उक्त-इरिया thakhariya. The area ploughed in half a day is called ट्रायइरिया dopahariya.
- 838. The portion of land included in a plough circuit is चाँनर antar, and also to the north-west and in North-East Tirhut इडा hattha, and to commence another circuit is दोनर चाँनर घरन dosar antar dharab. The place where ploughing is going on is दरन्यादी harwahi in Patna and north of the Ganges. In Shahabad it is दरन्यादी harwāhi. In Patna it is टोपन्स topra, and generally दरावा harātha.
- 839. The first ploughing of the season is इरःमञ्जर harmahutar in Saran and इरःमोडःबर harmohtar in Patna and Gaya. It is also चमन्त्र samhut, and to the north चिरःपंचन्मी sirpanchmi or चिरःपचर sirpachai, both the last two terms being derived from the festival of the sri

panchami. In South Munger it is इर महन्तर har mahantar or इर समत har samat, and in South Bhagalpur सोमाना somāta. Another name current in Sāran is इरन्वन harvat.

- 840. The bringing home the plough on the back of a bullock or with the share over the shoulder is इरन्दुकी harkhuli, इरन्योखिया harkholiya, or इरन्दुकाल harkhūjal, and in South-East Tirhut (optionally) इरन्दुकालो harkhugāni. In South-West Shahabad it is इरन्दुकाल harchhutāo, and in the rest of the district and in Gaya इरन्दुक्त harchhuttan. In Patna it is इरन्दिनार harbnār or इरन्जियार harjoār, in South Munger and Champāran इरन्जियानी harkholāni, and in Gaya, Champāran, and the South-East इरन्जियो harkholi.
- 841. The bullocks which draw a plough or harrow are called बरट् barad, and to the west. also बेस bail. When it is wished to distinguish them specially from cart-bullocks, they are called in Champāran and Tirhut एडा बर्ट् hattha barad, and to the north-west and in Gaya घरेंचा बेस harea bail. A lazy fat plough bullock, which sits down rather than work, is called कोहि korhi or प्रचा parua, as in the proverb कोहि बरट् के फेफरि बड़न korhi barad keñ phephari bahut,—it's the lazy bullock that puffs and blows.

CHAPTER VI.—PLOUGHMEN AND AGRICULTURAL LABOURERS GENERALLY.

842. A ploughman is scars harwaha, and to the west also In East Tirbut he is also called still harauri. His इर्•वाड harwāh. wages are called इरनाही harwāhi. An agricultural servant in general is सज्जरा majura or विचार banihār. An agricultural servant engaged for the whole year is इंड बर harvar in Saran and भर मिस्सी bharsaliya in North-East Tirhut, and one for the whole day is भर-दीना bhardina. A ploughman who works for half a day is दुपद्दिया dupahariya or दोपहरिया dopahariya, or in North-West Tirhut पहरन्बार paharwār. One who works on advances is सगावह जन agwar (or agwarh) jan to the north-west, कसाइ kamāi to the west, कमियाँ kamiyai or कमियाँ kamiyan in Patna, Gaya, and South Munger, and जारा जन lagua jan generally. The last is usually the man who binds himself to work off a debt incurred. When a ploughman receives the use of a plough for one day in three instead of wages in eash or kind, he is called चान्नरिया angwariya or चान्वरिया agwariya, and to the west चान्वार angwar. In Saran

and Champaran he is also called टेपस्टा tepta (so also in North-East Tirhut), or तिसस्री tisri or तिसरिया tisariya. In East Tirhut a ploughman who works without advances is called चडा uttha, as distinguished from इरन्दाहा harwāha or इरोरी harauri, who does take them.

- 843. In North-East Tirhut पर pat or चारी पारी sāti pāti is the custom of a plough-owner employing two ploughmen for each plough, each ploughman relieving the other at intervals of eight days. In Shahabad and Patna चरार harāi is the custom under which every tenant lends his plough and bullocks to the landlord for two days in the year.
- 844. An agricultural labourer paid in kind is जन jan, also in Gaya and Champāran चर्ने शिया uphangiya, and in South-West Shahabad वनी bani. One who receives money is नोकर nokar, or in the north-west जाना jana. One paid solely in each is called कोरश koranja to the north-west. In Patna, Gaya, and South Munger the prædial slaves who are attached to an estate, and cannot leave it, or marry, or in fact do anything without the consent of their landlords, are called नफर naphar or किमर्श kamiyān; and food given to such is a khaihan. A labourer who by custom works a certain number of days for nothing for Government (formerly, and for the landlord nowadays) is called बेगार begar. Payments made in kind to agricultural labourers are called बन ban, or in East Tirhut बोन bon. Advances to ploughmen are धा वड़ agwar in the west and will agauri in South-West Tirhut. Elsewhere in Tirhut and to the north-west they are called said harauri, and generally लगुचा lagua.
- 845. When there are spare bullocks in a field where ploughing is going on to relieve those that get tired, the boy who looks after them is called अनगर anwāh in East Tirhut; elsewhere he is चरन्ताहा charwāha or गोराधिया gorkhiya.

CHAPTER VII.—RECIPROCAL ASSISTANCE IN CULTIVATION.

846. बहारीया badlaiya and पद्यारा palta or पद्यारी palti are terms. for exchange of labour for labour by agriculturists. To the west it is also called चैंच painch, in Gaya बहारी badli, and to the south generally पाण्ड pāëth. In East Tirhut another name is जनग्येंचा janpaincha. The practice of two or more cultivators joining their

ploughs and ploughing together, first the field of one and then the field of another, is called generally भाँक bhānj. Other names are भंकरहरिया bhanjhariya and हर एका har sajjha to the west generally भजीती bhanjauti in North-East Tirhut, हर भन्ना har bhanja in Patna and to the north, हर पहरा har pahta in Champāran and Gaya, भंजेड bhanjeth in South-East Bihār, and भाँको bhānjo in South Bhagalpur. The cultivator in this case is भाँका वाला bhānjā wāla, or in Tirhut भंजेत bhanjait. Another name current to the west is भाँकारा angwāra, though this properly refers to the custom of paying ploughmen (अँगवरिया angwariya, see last chapter) by lending them a plough and cattle one day in three.

847. The work which one cultivator does for another in this way is called to the west सामद sāpat.

SUBDIVISION II.

MANURING.

CHAPTER I.—KINDS OF MANURE.

848. Manure is north of the Ganges खाइर khādar, खडीड khadaur. खडी khaddhi, or गाँदीरा gondaura to the west, and गोचा goa or करन्सी karsi to the east. South of the Ganges, to the west, it is at ghur, and to the east (also in Saran) गनीरा ganaura or गँदीरा gandaura. कहा kūra, कुटा कुर-कुट kūra kurkut, बद्धारन bahāran, or (in South-East Tirhut) नोन-रोर gonraur, is rubbish or road-sweepings. Cowdung is aller gobar. When dried it is called south of the Ganges sait damāra, of which a variant in East Tirhut is डमार damār, also in Shahabad and Patna कडा kanda, and to the west कॅड्डर kanrra. The latter term is also used in Saran. In North-East Tirhut it is गौडि gauthi, and in Champaran गौडी gauthi. In Gaya फेंडी phenti are pieces of dried cowdung. चात chot to the west is the quantity that falls from an animal at one evacuation. Cattle urine is गौत gaunt or गौत gaut, and to the west also सूत mut. खीद lid, खिदी liddi, or खीदी lidi is the dung of horses, elephants, &c., and that of sheep or goats is में बाड़ी bhenrāri, मेनाड़ी bhenāri, or (to the west) खेड़ी lenri. Other filth of various kinds is मैस्र maila, or in South Bhagalpur चिना ghina. refuse of indigo after maceration used as manure is vita sith.

849. A manure heap near a house is देरी dheri, or (in East Tirhut) गोनर gonar.* North of the Ganges generally it is also मान mān. A manure-pit is घूर ghūr, खाद khād, or खादर के गड़-इर khādar ke garha. A heap of dried grass, sweepings, dung, &c., is in North-East Tirhut and Shahabad कूर kūr. Ashes are राख rākh or खाउर chhāūr, and in South Bhagalpur कोरो chhauro. In Patna and Gaya they are बानी bāni. An ash-heap is in North-East Tirhut कोराट chhaurāth.

CHAPTER II .- MODES OF MANURING.

- 850. Heavily-manured land is north of the Ganges खदौड़ खेत khadaur khet, or it is called नोवन्राप्रत gobrāël, or in South-East Tirhut भरस bharal. South of the Ganges it is खदौर khadaur, खदन्नीर khadaur, or खर्न kharit in Shahabad
- 851. The custom of allowing cattle to stand in a field for the purpose of manuring it is called north of the Ganges भेड़ी बेसाबोज bhenri baisāöl or भेड़ी दिराबोज bhenri hirāöl; south of the Ganges it is जिननार होए जा धूर बेसाबोज jivgar hoë la dhūr baisāöl, and in South Munger they say खेत गोवन्रावे हैं khet gobrābe heñ.

CHAPTER III.—MANURE USED AS FUEL.

852. Manure collected in the forests and grazing-grounds and dried for fuel is called north of the Ganges केंड्ड kanra or कड़ हा kanra. South of the Ganges it is डमारा damāra or कखा kanda. In East Tirhut it is इमार damār, and to the west it is also called विश्वचा गोइटा binua goïtha. Another general name is बन गोइटा ban goïtha. When made up into cakes with chaff and other refuse, the large oblong blocks are called गोइटा gohra to the west and गोइटा gorha in Champaran and to the east. The next sized round cakes which are stuck on the wall to dry are गोइटा goīntha or गोइटा goïtha. The smallest cakes are विपन्दी chipri. The largest-sized slabs made with both hands are दोइट्या dohtha or सोइटा sohthi. करनी karsi, or in Gaya and South Munger चमारी amāri,

^{*} Compare for an example of this word the proverb गोधारक गोनर दुइ दिस निक्कन goārak gonar duhu dis chikkan,—a gowāla's dunghill is neat on both sides

are unmanufactured lumps of dry cowdung dried and stored.

- 853. The pile of cowdung fuel is called to the west गोरारी gohraur or गोरारी gohraura. In North-East Tirhut it is गोरीर gothaur, in Champāran गोरीसा gothāula, and there and in Tirhut रास tāl. It is क्र्या chhūa optionally to the west, क्र्या chhūha or क्र्यो chhūhi in Patna and Gaya क्र्या क्रवाना chhua chhanna in South Munger, and कानी chhāni in South Bhagalpur. The pile of the large oblong blocks is also called गोरारा gohra or गोरासा gorha as above. The house in which the fuel is stored is गोरीर gothaur, गोरीरा gothaura, or गोरीस gothaul generally; also गोर्ड gothul in North-East Tirhut, गोर्ड व्यक्तिकीयी in Shahabad, and गोर्डा घर goïtha ghar in Gaya. The operation of making the cakes is पायब pāthab or पायब pāthal, according to locality, or else टोक्स thokab or टोक्स thokal. The place where they are made is north of the Ganges generally प्यारी pathāri. South of the Ganges it is प्रयारी pathraur in the west, साइ। āra in Gaya, and पाँडर pānrar in Patna.
- 854. In selling cowdung fuel a पन pan equals 20, 22, or 23 ज्ञा ganda (i.e. fours), according to locality. In buying the article in Patna the seller gives two cakes extra (called a पनन्की panki) for every पन pan bought.

SUBDIVISION III.

SOWING AND TRANSPLANTING.

CHAPTER I.—SOWING.

- 855. Sowing is to the west दोखने boëni, and to the east बावन bāwag, बाखोन bāög, or बाजन bāüg. South of the Ganges, and also in Champāran, it is also बोखाइ boāi, or in Patna and South Munger बोनी boni. In South Bhagalpur (and also in Champāran) the word is बोखनी boani. To sow is north of the Ganges, बोखल boül, बावन करने bāwag karab, बूनव būnab, or बूनल būnal, according to locality. To scatter the seed is generally क्टिंग chhitab or बोटन chhīntab. In Patna सुजापन chulāëb is also used in connection with Bhadoï or autumn crops.
- 856. Seed is बीया biya or बीयन bihan. In Gaya it is विष्या bihnāi (also used in Champāran), विद्या bichcha, or गोटा gota, and in South Bhagalpur विनय्साइ binhāi. A grain of seed is दाना dāna.

Barren seeds are चनी abbi (or in Shahabad) चर्च awaī, and fertile seeds are चुनी suggi.

CHAPTER II.-MODES OF SOWING.

- 857. The following are the modes of sowing:-
 - (a) Furrow sowing.— भारी dhāri or घरिया dhariya. To plough in this way is धारी सगापन dhārī lagāeb or धरियापन dhariyāeb. South of the Ganges this method is called चुट-की chutki. In this method a plough goes in advance of the sower, who carries the seed in a basket. He drops it into the furrow as soon as the latter becomes visible. By this method the seed is sown deep, the stalk is stronger, and not so liable to be laid by high winds. भडापन bhathāeb, दोषरिया dodhariya, दोचार dohār, or समार samār is the practice of filling up with soil the furrow in which the seed has been sown, by ploughing a separate furrow beside it. This is generally done in the case of Bhadoi crops. Sugar-cane is not covered in this way in Bihar, but by hand. The long straight lines of seed across a field are known as घारी dhāri or पाँती pānti. When the ploughing is done round a field, and not across, it is called चौकेटा chauketha, &c. (See § 828).
 - (b) Sowing by drill.—This is टार tār, टारी tāri, टोर tor, टोरी tori, often spelt टाँर, टाँड़ tānr, टाँर, टाँड़ tonr, &c.

 To sow in this way is टारब tārab or टोर खगाण्य tor lagāeb. The man who works the drill-plough is टरन्याइ tarwāh or टोरनाइ torwāh.
 - (c) Broadcast sowing.—This is generally ৰাষ্য bāwag or its variants,—see above. Other names are কিয়া chhitta or কিয়ো chhitta north of the Ganges, and ফাঁহা chhitta south of it. Maize and similar crops are sometimes sown broadcast on land left soft after an inundation, and are then pressed into the mud by hand. This method of sowing is called ভাষা dobha, and to sow thus is ভাষৰ dobhab.

- 858. If the seed is sown on lands which have not been ploughed, it is called feet chhitta, feetu chhitua, or south of the Ganges जगन्ती बाबर jangli bāwag, पैरा paira (Gaya, also in Champāran), or पाण्र pāer or समार samār (Patna and South Munger). कींटा chhinta or fast chhitta is also used to signify lands in which the seed has been scattered after a single ploughing. It is also specially used for sowing the spring (रवी rabī) crops on the दोषचित्र dophasila lands, i.e., those from which the autumn crop has just been cut, as contrasted with the पिल्डर palihar or चौनाच chaumās, which are carefully-prepared fallow lands for wheat and similar crops. The sowing of the early rice in dry lands is खरः इर बाबग kharhar bāwag. North of the Ganges it is also धुरिया बावन dhuriya bāwag. South of the Ganges it is in Shahabad and Patna start tharra, in the rest of the district खरनाइ kharwāh, in Gaya खरनेद kharweh or खरने kharwe, in Patna बीचा baugha, and in South Munger भुर-भुसा dhurghussa. In Patna and Gaya sowing in a wet field is called जैवा leva. Sowing wide apart is generally पातर patar. Other names are (north of the Ganges) प्रकाइ phakah or unut phanphar to the west and देशर chhehar or पेरन्सार permar generally. South of the Ganges we find पायर pathar in Gaya, पतन्ता patla in South Munger, and पतीन patil in South Bhagalpur. the last two being also met with in Champaran. Sowing thick is generally घन ghan, बाइ garh, or बाइ। garha. North of the Ganges सजोर sajor is used in the same sense.
- 859. Grain that fails to germinate is चनी abbi, निरन्दीज nirbij, विजन्मार bijmār, or दीया मार biya mār. In South-West Shahabad it is दरवा barua. If a man wishes to say that his seeds have not come up, he says इसर विश्वनाद मारख गेख hammar bihnāi māral gel.
- 860. When from excess of rain followed by heat a crust is formed on the surface, which prevents the young plant from coming up, it is called to the west सपट साइस sapat jāil or सपःटा साइस sapta jāil. In East Tirhut and Shahabad it is called पपःरी papri. South of the Ganges it is नावा tāwa to the south-west of Shahabad, or स्वन्टा sewtha in the rest of the district and in Patna. Elsewhere it is स्वन्टा sewta or सन्ता munda.
- 861. Self-sown seed.—Seed which falls on the ground in the field at harvest time, and which germinates next year, is called जनेरा lamera in the west, बन्दरो namhero in South Bhagalpur, and नन्दर namher, उन्हर lamher, or जान lām in South-Munger.

CHAPTER III.—SEED-BEDS AND NURSERIES.

862. A nursery for rice is बिड़ार birār or बियार biyār. To the west it is also बँगा benga. The young plants which are transplanted from the nursery are generally बीया biya or गाडी gāchhi. They are also called बीडन bihan or बीड-नार bihnār. South of the Ganges and to the north-west (when of rice) they are also called मोरी mōrī, and in Champaran जरहे jaraī. The bundles of rice seedlings ready for transplanting are चाँडो ānti or चेंडिया antiya.

CHAPTER IV.—SOWING TIME.

863. The sowing season is बोचनी boani north of the Ganges and बोगन्या bogha south of it. It is also generally called बानग bāwag.

CHAPTER V.—TRANSPLANTING.

864. To transplant is रोपन ropab. In Gaya when a man has finished transplanting he says रक्षर बहुसार मेख hammar banusār bhel,—'I have finished transplanting,' the quantity of rice seedlings transplanted at one place being called everywhere except in the south-east बाम bān. A bundle of seedlings is बाँटी ānti, and the man who plants them is called होमा dobha or रोप-निहार ropnihār. The bundles are tied in pairs and set astride over a long bamboo when carried about. This bamboo is called to the west विद्यादीया bihandhoa or क्याउ kanāth. The man who roots up the seedlings from the seed-bed is called क्यारिया kabariya, or in Sāran क्यारिया kabariha. In South Munger he is also called क्यारक्यार morkabra. Seedlings which have been re-transplanted, i.e., transplanted more than once, are called north of the Ganges खाद khāru or खबदन kharuhan.

SUBDIVISION IV.

DIGGING, HOEING, AND WEEDING.

CHAPTER I.-DIGGING.

865. To dig is कोड्न kōrab. In Champaran and Tirhut it is also सामन tāmab or पारन pārab. In South-West Shahabad it is देखल

chhejal. Digging is कोड़न्नी korni, also in Champāran and Tirhut तमन्नी tamni, in Patna, Gaya, and South Munger निकीनी nikauni, and in South-West Shahabad केंजन्नी chhejni. In South Bhagalpur it is कोड़न koran or खंड khanr. In Sāran and Champāran नोइट gohat is digging or hoeing the edges of fields. In Tirhut this is called चारि कॉटन āri chhāntab.

CHAPTER II.-HOEING.

866. Hoeing is खरनियाना khurpiyāna to the north-west. In Champāran and in Tirhut generally it is करीनी kerauni or कर्मनी kamaini. South of the Ganges it is कोइन्नी korni, or in South-West Shahabad खंडानी chhejni. In the month of Asārh (June-July) sugar-cane gets a special hoeing, which is called खराही कोर asārhi kor, and in Champāran and North-East Tirhut टोक्च tokab. In Gaya it is called पापा pāsa, and in Patna खराही कोइन asārhi koran. In Champāran and the southeast it is खर्रा कोइन adra koran, and elsewhere it has no special name. The first hoeing of the sugar-cane crop, which generally takes place in Māgh (January-February), is called अंघरी कोइन andheri koran in Patna, चालन chālan or उम्लालन ujhlan in Gaya and to the west, अंघरी andheri or मोइन्नी jhārni in Sarān and South Munger, and मुरन्नी jhurni in South Bhagalpur. North of the Ganges it has no special name.

CHAPTER III. - WEEDING.

867. Weeding is केरीनी kerauni or कमेनी kamaini north of the Ganges. In the west generally it is चोचनी sohni. Elsewhere it is generally कोइनी korni, and also चरन्यी harkhi in Patna and चक्यन्य ujhlan in Gaya and Shahabad. In South Bhagalpur it is optionally केबीनी kelauni, and केरीनी kerauni reappears again in South Munger. To weed deep is भर खुरन्यी चोचन bhar khurpi sohab; also कोइ देन kor deb to the north-west and in North-West Tirhut, and खामल khābhal in Sāran and Champāran. In Patna the operation is called विग्रनादी bismādi, and elsewhere it has no special name. Superficial weeding is खुरन्याना khurpiyāna in the north-west and विकायन nikāwan in the south-east. In Champāran and Tirhut it is called विग्रन्थी tipni. The digging up a field to clear it of weeds before ploughing is नामन tāmab, also in North-East Tirhut टोकन tokab. The operation is called तमन्यी tamni, or in North-East Tirhut टोकन tokab. The

Weeding by hand is चिख्रानी chikhurni in the north-west and चक्रान्नी uchhtani in Champāran and Tirhut. In Patna, Gaya, and South Munger it is चाँच में निकाण्य hānth señ nikāëb, and in South Bhagalpur चक्रारे thakuraī. In Shahabad it has no special name.

- 868. Weeds are घाच ghās or घाच पान ghās pāt. In the northwest they are also दूभ ट्रॅट्र dūbh dāndar, and in Tirhut यू dhū. When collected and burnt as manure, they are ভাइर khādar in the northwest, and जोचा goa there and in Tirhut. In Patna and Gaya these are चढाइ alāh or डाइी dāhi, इरा hūra in South Munger, and डारी chhāro in South Bhagalpur.
- 869. Wages for weeding are चोचाइ sohāi or चिखुराइ chikhurāi in north-west, and in the east generally simply बन ban. In Patna and Gaya they are निकोनी nikauni, in South-West Shahabad बनी bani, and to the west generally बनिचारी banihāri.

SUBDIVISION V.

WATCHING CROPS.

- 870. Watching of crops is generally रखन्वारी rakhwāri, खगोरी agori, or खगोरिया agoriya. Other terms are रखन्वाही rakhwāhi or बखन्यही balrakkhi in Patna, जगन्वारी jagwāri or बखन्वाहा badhwāha in Gaya, बखन्वार badhwār in East Tirhut, and जोगाण्य jogāeb in Champāran and South Bhagalpur. In Champāran and the south-east हाँकी hānki is to drive crows off a field. Elsewhere it is कीचा हाँकब kaua hānkab, &c. A field-watchman is रखन्वार rakhwār, खगोरिया agoriya, or खगोर-निहार agornihār; also बखन्यका balrakha in Patna, खगोरा agora there and in Champāran and South Munger, जगन्वरिया jagwariya in Gaya, and जोगान्वया joganiyān in South Bhagalpur. The बखन्वार badhwār or बखन्वाहा badhwāha is generally a man appointed to watch the fields of a number of cultivators and paid by the landlord.
- 871. In the north-west चॅक-निचार chhenknihār, and in North-East Tirhut चक-जेटा chakledār, is a man appointed to watch on behalf of the landlord to see that none of the crops is carried away before the demand is paid. Elsewhere he is simply called पियादा piyāda or बरादिख barāhil, but to the south-east he is चिर्नाव sirmān or बस्तिवा balrakkha. To attach the crops thus is called रोजब rokab: hence the

Anglo-Indian phrase "to roke crops." The act of "roking" is called in the north-west strut chhāpa.

872. When cultivators club together to watch their crops in turn, it is called north of the Ganges पारी pāri, भाँचा bhānj, or भाँचा bhānja. It is also पलन्टी palti in Patna, Gaya, and the west; also परिचर parihar in Patna and Gaya, पेटी pethi in South-West Shahabad, and पापट pāeth in South Munger.

SUBDIVISION VI.

REAPING AND GLEANING.

CHAPTER I.—REAPING.

- 873. Reaping is करन्नी katni, or to the north-west करिया katiya. In South-West Shahabad it is जीनी launi. To reap is काटन kātab, or in South-West Shahabad जीनी करज launi karal. To cut cane is कोजज chholal in the north-west, गेंड्रा करज genra karal to the west, पार्व pārab in Champāran and Patna and Gaya and South Munger, and चूर काटन ghūr kātab in South Bhagalpur.
- 874. The man who cuts the cane is described in section 292. A reaper is कट-निसार katnihār north of the Ganges and in Patna and to the south-west. He is also दिनिस dinihar in Patna, Gaya, and South Munger, जेन्निसार leonihār or कट-नियाँ katniyān to the west. Elsewhere he is simply जन jan, बनिशार banihār, &c. Harvest time is कट-नी katni. The wages of harvesting are दिनीरा dinaura in Patna and Gaya, and दीनी dini in Champaran, Gaya, and the south-east. Another name is in Gaya युदारा gudāra, or in Sāran युदार gudār. Elsewhere they are बन ban, or in South-West Shahabad बनी bani.
- 875. Cutting the ears without the stalks is बख-लट balkat generally. Other names are इंग-नी tungni north of the Ganges and to the west, अग-खा agla in Champāran and Gaya, कहर katur in South-West Shahabad, पाँगल pāngal to the west, and नन्द-कट-नी nankatni in South Munger. So also in East Tirhut it is नग-कट-नी nankatni or (also in Champāran) स्प-कट-नी siskatni, and in South-East Tirhut क्य-कटा chhipkatta. It is अग-इंग agra in South Bhagalpur. Cutting crops at the root is अर-कोर-नी jarchhorni, (in South-East Tirhut) अर-कटा jarkatta, or (in South Munger) अर-कोरा jarchhora.

876. To shake the fruit off a tree is आरम्भराप्च jhārjharāël in the north-west. In Champāran and West Tirhut it is आरम्बाप्च jharkhāėb, and in East Tirhut भवाप्च jhakāėb. To the west it is भोरख jhoral, and also, generally, दोचच dolab or दोखाय देव dolāy deb. भारादव jhatāhab is to knock down fruit from a tree by throwing up sticks into it (see § 41).

CHAPTER II.—CUTTING OF UNRIPE CROPS.

877. Unripe crops are sometimes cut for food. North of the Ganges this is known as বৰ্ষা gadra or কৰা kachcha. Other names are गादा gāda and गहा gadda. In South Munger it is गादर gādar, and in South Bhagalpur जॅंकरी ankuri. The last two are also met with in Champaran. A word used to the east generally is कचन्दी kachri. In the north-west उमझत samahut is a little grain cut first, and this is सम्ब sumut in North-West Tirhut, नेवान newān in Saran, and नेवान nebān in Champaran and Tirhut. चोरचा horha is unripe grain cut for parching. It is also called sites orha in Tirhut and the southeast, and optionally दोल-दा holha in Champāran and South Munger. The green ears of Eleusine coracana (HENT marua) treated in this way are called जम्मी ummi or जमी ūmi to the west and in Tirhut and जमी ūni in Champaran. आसो ālo in Gaya is the part of the crop which is reaped by a cultivator for present eating before the whole is ripe. Sometimes unripe pulses and barley are rooted up and given as fodder to cattle. This is called in Saran उचाँन rakhant.

CHAPTER III.-GLEANING.

878. A gleaner is विकासिकार binnihār or विनियाँ biniyān to the west. He is also generally जोडानिकार borhnihār, with variants जोडानिकार lorhtāhar in Patna, Gaya, and South Munger, and जोडारा lohra in South Bhagalpur. Gleanings left on the field for the lower orders are कराना jharnga or कार्म jhārang to the west, and जोड़ी lorhi or जोडिया lorhiya to the east and in Champāran. Other names are कार्म jharua (Patna and North-West Tirhut), कार jhar (South-East Tirhut), and जूटल पटल chhūtal patal (Champāran and Tirhut). Gleaning is called in Gaya and South Munger जोड़ा विचा lorha bichcha, and gleanings are जोड़ा lorha.

SUBDIVISION VII.

THRESHING AND WINNOWING.

CHAPTER I .- THE THRESHING-FLOOR.

879. A threshing-floor is everywhere खरिइ। kharihān, with an optional variant खरिइ। kharihāni in Patna. The shed erected on the threshing-floor is नड़दे maraī, खाँप-ड़ी khompri, or भाँप-ड़ी jhompri. In Patna it is मरका maruka or भाँप-ड़ा jhompra, in Gaya कूड़ा kūrha, and in the south-east खाँप-ड़ा khompra.

CHAPTER II.—SHEAVES AND BUNDLES.

- 880. The cut crop is डाँड dānth to the north-west, or डाँड dānt in North-West Tirhut. In East Tirhut it is जार lār. In Shahabad it is ज्ञान्ती lehni, in Champāran छन्न lehan, in Gaya पतीर pataur, in Patna पतीनी patauri or पतन्ती patni, in South Munger पातन pātan, and in South Bhagalpur पत्तन pattan. In Shahabad it is called पन्हारी pathāri, and in Sāran प्यारी pathāri, when it is left a day in the field without being gathered.
- 881. In considering the nomenclature of the sheaves it will be convenient to take North and South Bihār separately.

NORTH BIHAR.

- 882. The smallest sheaf, about a handful, is called सूटा mutha, सुद्दा mutha, or पूजा pūla; the next largest is the अवास amwānsa (northwest), सोस्ता autha (North Tirhut), and साइस āhul or सहसा ahula (East Tirhut); the next largest is the संदिसा antiya or (Champāran and North-West Tirhut) प्रसी pasahi; the next largest is an armful or पाँचा pānja; the next largest is a बोका bojha; and the largest of all, that carried on a bullock, सद्वा ladna. The relative scale of some of the above is generally as follows:—
 - 4 मूटा mutha = 1 अँबाँचा anwansa or बौद्धा aulha.
 - 8 चौक्हा aulha = 1 पाँचा pānja.
 - 4 पाँचा pānja = 1 बोक्ता bojha.
 - 16 बोका bojha = 1 सोरन्ही sorhi.

In East Tirbut the following scale obtains:-

- 4 आइस $\bar{a}hul = 1$ केइनी kehuni.
- 4 केइनी kehuni = 1 पाँजा pānja.
- 4 पाँजा pānja = 1 बोका bojha.
- 16 बोमा bojha = 1 चोरन्डी sorhi.
- 16 सोराडी sorhi = 1 सोराडा sorha.
- 883. The word বাকেরী sorhi is a common unit for measuring produce. Thus, a raiyat will say that such and such a field gives so many বাকেরী sorhi to the bīgha.

SOUTH BIHAR.

884. The proportions vary in different places, as follows:-

SOUTH-WEST SHAHABAD.

2 अँवाँची anwānsi = 1 अँटिया antiya or होमन्डा domra.

10 ditto = 1 पाँजा pānja, पूरी pūri, or चाँटी ānti.

3 पाँजा pānja, पूरी pūri, or चाँटी ānti = 1 बोमा bojha.

30 ditto ditto = 1 तिसीर tisaur.

SHAHABAD.

- 10 अवाँसी anwansi = 1 अँटिया antiya or पननिवशीचा panpiaua.
 - 4 अँटिया antiya = 1 बोमा bojha.
- Or 10 चाँची ānsi = 1 पाँचा pānja.
 - 4 पाँजा pānja = 1 बोमा bojha.
 - 21 बोका bojha = 1 प्रकेषिया ekaisiya.

PATNA.

- 4 चरःपा arpa = 1 चाँटी anti.
- 5 चाँटी anti = 1 गाही gahi.
- 5 गाडी gahi = 1 बीम्ता bojha.
- Or 5 चरन्पा arpa = 1 पाँजा pānja.
 - 5 पाँचा pānja 🚬 = 1 बोना bojha.
 - 21 बोभा bojha = 1 प्रतिची ekaisi.

GAYA.

3 चरन्पा arpa	= 1 चाँटी ānti.
5 चाँटी ānti	$=1$ गाही $gar{a}hi$.
10 गाही gāhi	= 1 बोका bojha.
Or 9 चरन्पा arpa	== 1 पाँचा pānja.
3 पाँचा pānja	= 1 बोका bojha.
21 बोमा bojha	= 1 प्रकैसी ekaisi.

South Munger.

The same as Gaya, except that 4 पाँजा pānja = 1 बोधा bojha.

SOUTH BHAGALPUR.

4 गैरिंती gaunti	= 1 चाँटी ānti.
4 चाँटी ānti	= 1 urai pānjau
16 चाँटी ānti	= 1 बोभा bojha.
16 बोमा bojha	= 1 चोरन्ही sorhi.

- 885. The word एकेसी ekaisi south of the Ganges is used in much the same way that सोरन्से sorhi is used; so also निर्मार tisaur. It will be seen that the above scales are not always consistent amongst themselves. This is the fact, and is due to a difference in the size of the unit according to locality. The सोका bojha is about the same everywhere.
- 886. An अक-बार akwār or अँक-बार ankwār (optionally), or in Patna and South-East Tirhut केंद्रनी kehuni, is as much grain as can be carried between the arms, and मशका mathbojha is a load carried on the head. Out of each बोका bojha one बाँटी ānti is given to the labourer who cuts and carries away the crop, and the remainder is in Shahabad called युद्दार gudār.* युष्ड gund in Patna or गृँड्रा gūnra in Gaya is a bundle of cut pulse.

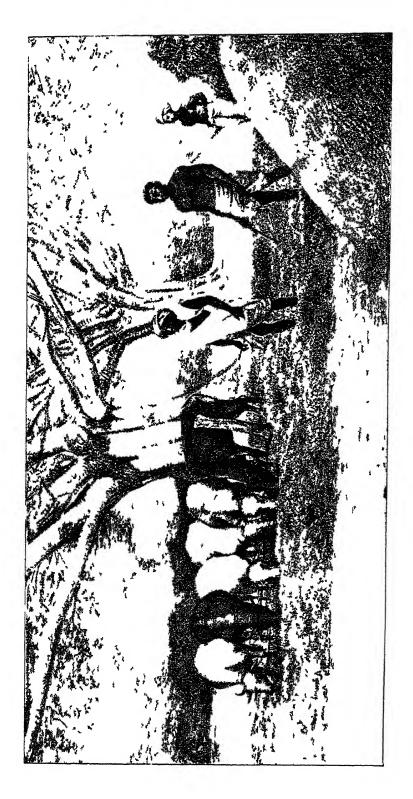
CHAPTER III .- TREADING OUT GRAIN.

887. Treading out grain is दौनी dauni north of the Ganges. To the west and in Patna it is also दौरी dauni or मिंदानी minjni. The latter word is principally used when the grain is trodden out by men and not

^{*}The ঘাঁহী anti given to, or rather taken by, the reaper varies in size, as is witnessed by the proverb কাহি কহে দিছাৰ কী মুৰুৰ ধন মাঁহী korhi katnihār ken mungar san anti,—the lazy reaper gets a bundle as thick as a club.

by bullocks. In Shahabad it is दोरी daurs, and so also in the south-east. In Champaran, Patna, Gaya, and South Munger it is द्वाँची dawānhi, and in Patna also (when trodden by men) में जन्मी mannyni. In South Bhagalpur प्राप्त sahrs is a thorough threshing of corn. The beating out of the heads against the ground or bed to disengage any grains that remain is पौटव pītab, भारव shārab, or भारव shāntab north of the Ganges. It is also पेटारी petārs to the west, डँगौनी dangaum in Patna, पिटानी pstm in Champāran and Gaya, डॅगौनी dengaum in East Tirhut and South Munger, and भॅटननी jhants in South Bhagalpur.

- 888. The first treading out of the grain is called पौर paur; the second treading is डाउटी ट्रॉबन dants dānwab north of the Ganges and in Shahabad, or नोड़ाण्ड torāeb in North-East Tirhut. To the west it is डाउट chhāntab, in Champāran and Patna it is खुर-दौनी khurdauns, in Gaya खुर-दोनी khurdants, and in South-East Tirhut and South Munger खुर-दोने khurdāns.
- 889. The stake to which the bullocks are tied in treading out the grain is HE menh, with local variants HET menha (to the north-west and in South-East Tirhut), संइन्टा mehta (Patna), and मौदी minhon (South Bhagalpur). In South-West Shahabad no centre stake is used. A bullock stands in the centre, who is called में दिया वैस menhiyan bail. In other places the inner bullock next the post, which is the slowest and weakest of the team, is called में दियाँ menhiyān generally; also मेंडा menrha in Champāran and South-East Tirhut, and सेंडा mehta or मंदन्या menhta in Gaya and South Munger. In South Munger he is also मेदा meha, and in South Bhagalpur मीदाँ mihān. Another name for him is in Gaya कुड्रद्दिना kurdahına. The outer bullock, which is the smartest of the team, is called ure pāth or user pathrya to the west, to the north-west and in North-West Tirhut परिया patrya, and in East Tirhut पाट वाला pāt wāla. In South-East Tirhut it is अग्रन्दाप्र agdāen, and variants of this are चनन्दार agdām in Patna and South Munger, चौनन्दारन ägdām or चनन्देंचाँ agdamyān in Gaya, and प्रगन्दाई egdāin in South Bhagalpur. In South-West Tirhut he is फेरा phera. The rope which goes round a bullock's neck is गरन्दींब gardanv in the west and in South Munger, गरन्दनी gardani in Champaran and West Tirhut, and गरींचा garaundha in Patna. The main rope to which all the bullocks are tied is सका manyha, also दौरी daunri to the west, दौरड़ daunrar or दोग-हा dogha in West Tirhut, and कराम karām in East Tirhut. In Patna, Gaya, and South Munger it is इवाँची dawanh, and in South Bhagalpur टॉमर dammar. In



The man standany on the right of the picture holds on his right hand a threshing-ricke (akhama) A. threshing Hoor (kharikan)

Lith by Harilal Pal Studer t Govt . hool of Art Calcutta

Champāran and Gaya it is also called काँड kānr or काँड़ा kānra. The rope by which the main rope is tied to the stake is ब्री ghūri or मॅडीटी menhauti in Patna and Gaya, and जोड़ा donra in South Bhagalpur.

CHAPTER IV.—CROPS ON THE THRESHING-FLOOR.

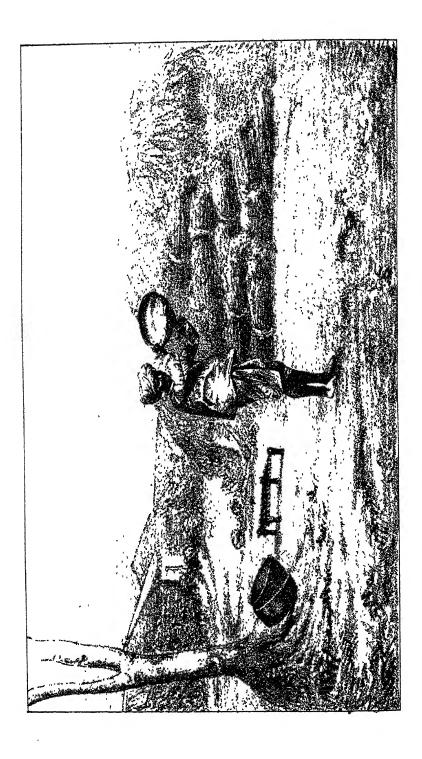
- 890. The pile of sheaves.—When the erop is piled in bundles on the threshing-floorit is known as गाँच gānj. Other sames are राज tāl (north of the Ganges and Shahabad), गजा galla (North-West Bihār), हेरी dheri in Gaya, and काँड़ kānr or काँड़ा kānra in Champāran and to the east; also बचार khamhār in South-East Tirhut. When the cut crop is piled like a stack in England, with the grain heads inside to save them from rāin, it is called कोटियो kothiyau in Sāran, and पूज pūnj or उजार punjaur to the north-west and in Patna, Gaya, and the south-east. When rahar (cytisus cajan) is piled on end to ripen before threshing, it is called बड़ा टाड khara tāl north of the Ganges. Stacks are rarely raised on platforms in Bihār, but when it is done the platform is called मचान machān.
- 891. The spread-out crop.—When the crop is spread out flat on the threshing-floor, ready to be trodden out by the bullocks, it is पैर pair north of the Ganges and in Shahabad. Other names are पौर paur or पौरी pauri in East Tirhut, बाद khoh in Champāran and South-East Tirhut, बड़-दोरा barhora in Patna and Gaya, बड़-दरा barhara in South Munger, and खुबा khūa in South Bhagalpur.
- 892. The crop after it is trodden.—After the crop is trodden ofit the pile of chaff and grain ready for winnowing is रिकी silli north of the Ganges, in Patna, and the south-west. Other names are कुटाँच kutānw (Patna and North-West Bihār), देरी dheri in Champāran, Tirhut, and South Munger, पर pāir in Champāran and Gaya, and चार dhār in South Bhagalpur. In South-East Tirhut it is also उनाम ukām (also in Patna) or चन्नम ukum, and in Shahabad चन्नॉय ukāñw.
- 893. The heaped grain.—This is राच rās or देरी dheri, also in North-East Tirhut बोर khor. Over this is placed a cake of cowdung to avert the evil eye. This is बढ़ाँव barhānw (Patna and West Bihār) and बढ़-इावन barhāwan in Gaya and the west; but बढ़ाँव barhānw is more properly the dung deposited by the bullocks while treading. Other names for the cake are बढ़ाई mahāde or बढ़ाईव mahādeb. A

piece of moist earth stamped is sometimes used in the same way, and is called चाकल chākal to the west and रूपा chhappa generally. In South-East Tirhut a piece of wood so used is called जान jāk.

894. The heaped straw and chaff.—Straw in bundles is yet pūla in Patna and north of the Ganges, except in North-East Tirhut, where it is mean jhatua. South of the Ganges, and optionally in Sāran, it is बाँटी anti or बॅटिया antiya, except in the southeast, where it is year pulla or feet binra. Loose straw that has been threshed is gutt puara (to the west) or gutt puar (to the east). Local variants are utt pora (also in West Tirbut) or पाचार poar in Patna and South Munger. When it has not been threshed, but has been left standing in the field after the ears are cut off, and then itself cut, it is called नार nār, and also (to the east) चार lār. Its stalks are whole, and are not crushed like threshed straw. नेवारी newāri is straw which is cut with the ear, but is not trodden by bullocks. It is tied up in bundles, and the heads are beaten against the ground. The husks of the grains are सूचा bhūsa or सुसार bhussa. South of the Ganges a nasal is generally inserted—thus, भँग bhūñsa. Other names are कहचा katua in Patna and Gaya, युष्डो gundo in Champāran and South Bhagalpur, and खखन्त khakhra or इसा dhulla in South Munger. Bran is चोकर chokar, also in Patna and the west भूगे bhūnsi. Other names are चलीं नी chalaunsi (Patna and the west), कोराइ korās (Patna, Tirhut, and the west), चौकर chonkar in Champaran and Patna, and चोकरा chokra in South Munger. The heaped straw on the threshing-floor, or a stack of straw anywhere, is गाँज gānj or टास tāl. सिन्नी silli is also specially used for the heap of straw on the floor.

895. An enclosure for stacking straw or fuel is चेरान gherān in West Tirhut, Sāran, and Champāran, घोरान ghorān in Shahabad, and चेरा ghera or डाड dhāth in Champāran and Tirhut, the latter specially to the east. To the west it is प्राच्य purvat. A house for holding chaff is स्पोच घर bhusaul ghar in the north-west and West Tirhut, and सम्बार bhuskār, सस्मान्या bhussbhulba,* or (also in Champāran) सम्बार bhuskhār to the east. In South-West Shahabad it is स्पोर bhunsaur, and to the west generally of that district सुमझ bhuñsáhul. In Champāran and Patna it is भौरीचा

^{*} As in the proverb क्रव घोड़ श्वसाश्चा वाह टाइ chhūtal ghor bhussbhulbahiñ thārh,—a horse, when he gets loose, stays in the chaff-house.



bhoñsaula, and there and in Gaya सूचा घर bhusa ghar. In Champāran and South Munger it is सुनःघर bhusghar, and in South Bhagalpur समन्तारो bhuskārī. खाँप khomp or खाँपो khompi north of the Ganges is a small shed for chaff. The round thatch covering a खाँप khomp to save it from the weather is खाँप के सथन्ती khomp ke mathni, खांबन्ती chhāonī, or टोपड़ topar. In South-East Tirhut चाँग chāng is a large basket for holding chaff equalling four टोकन्ड़ी tokri. टॅगीर tangaur in the same place is a similar one, but is rougher and made of rahar (Cytisus cayan).

896. The refuse straw and fodder.—This is in the north-west नोचार gothār, to the west and in North-West Tirhut it is ज्येर lather, in Champaran and North-East Tirhut नियास mghās, and South-East Tirhut निषेस nighes. South of the Ganges and in Champaran it is हाँटी danti. The refuse straw of the rabi or spring-crop, and specially of the rahar (Cytisus cajan), is test raretha generally south of the Ganges, local variants being with laretha in South Bhagalpur, and in Champaran test rahetha. In Patna it is also called with kharaī. The refuse straw of the autumn crop is डॉड dānth or इंद्रका dantuka or meran kutka north of the Ganges. It is also to the west and in Patna दश dhattha, and elsewhere डॉट dant, डॉटा danta, or डॉटी dante. In South Bhagalpur and Patna, however, it is and thathero. The dry stalks of mustard (चरिंचे sarsso) are चंडी sanths in the northwest, तिस्तारी tilthi to the west and in North-West Tirhut, तोरियारी torivāthi in South-West Tirhut, नोरियड toriyath in Shahabad. and fagis telathi generally. The stalks of cereals without the ear are भूतान्ता thengra to the west and in South-West Tirhut, भेतान्दा jhegta in Champaran, siz dant in the rest of Tirhut, was jhanga in Champaran. and with jhang also in South-East Tirhut.

CHAPTER V.-WINNOWING.

- 897. Winnowing grain is चोचीनी osauni To winnow is चोचाण्य osāeb.
- 898. The fine chaff which is blown away by the wind in winnowing is पक्षी pambh generally; also पाँकी pānki or पाँकी pāmbhi to the west, गूँड़ी gūnrı in Champāran and South-East Bihār, and और bhaunta in Patna. South of the Ganges these words are confined to the winter (Agham) crop. The words for the autumn (Bhadoı)

crop are पुरेनी puresi or पुष्परन्नी puarsi to the west, and प्यानी pakhni in Patna and Gaya. In South Munger ष्यान्भरी adhbhari is rice not fully developed, in which the ear is only half full, the rest being all chaff.

CHAPTER VI.-MISCELLANEOUS.

- 899. The gathering or collecting grain at one place in the time of harvest is aziva batoran or with both batoran.
- 900. When grain is being weighed, an extra handful is thrown in to make up for dust, &c. This is called पहुंचा pachhua generally, but also कसर kasar to the west and फान phāo in the south-east. It is also called जान lābh in Champāran and South Munger.
- 901. The grain left on the threshing-floor after removing the bulk of the crop is what agwar generally north of the Ganges, and was bhath in South-East Tirhut. South of the Ganges and in Saran it is at tari. The gleanings and refuse grain on the threshing-floor are waster patpar in the north-west and waster khakhra to the west and north. The grain which is blown away with the chaff at the time of winnowing is wheat agwar or wheat agwari to the west, whise agar in Champaran, Patna, and Gaya, and wheat agbar in the south-east.

SUBDIVISION VIII.

DIVISION OF CROPS.

CHAPTER I.-DIVISION AND VALUATION.

- 902. The division of crops on the metayer system between land-lord and tenant is called बराइ batāï or बरेशा bataiya. Local variants are बाँड bānt in Champāran and Gaya, बाँडी bānt in Champāran and South Bhagalpur, and बॅट ब्लू bantnu in South-West Shahabad. Land so held is called मांब ब्ली bhāoli or बरेशा bataiya, as opposed to नगर्दी nagdi, of which the rent is paid in cash. In South Bhagalpur the division of the crops is called क्रा कार्यो kurtāli.
- 903. In vert batāi a certain fixed proportion of the crop is given to the landlord as rent, as described in the following chapter. When,

instead of a proportion, a certain fixed quantity of the crop per bigha is paid to the landlord, it is called सन्दर्भ mankhap, सन्दोका manthika, इस्ता hunda, or सन्दर्भा manhunda. This is especially adopted in the case of जिरान jirāt or home-farm lands when let to a cultivator. In Patna it is called सनी बन्दोबस mani bandobast.

CHAPTER II.—THE SHARES INTO WHICH THE CROP IS DIVIDED.

- 904. Half to landlord and half to tenant.—This is called अधिया adhiya north of the Ganges and in the south-west, in Patna and Gaya अध-बटेंचा adhbataiya or पड pah, in Champāran and the south-east अध-बटिंचा adhbatiya. In South-West Shahabad they say दूराना में प्रे एक दाना जिस्टार बेडला, आजर एक दाना अधानी के देखला dū dāna meñ señ ek dāna jamidār lehala, āür ek dāna asāmi ke dehala,—of two grains, the landlord takes one and gives one to the cultivator. The turn of the sentence which makes the landlord give the cultivator his share is worth noting.
- 905. Seven-sixteenths to landlord and nine-sixteenths to the tenant.—This is नौसन nausat or नौसना nausatta. The practice has only been noted in the west, Patna, Gaya, and South Munger. In South-East Tirhut the custom is only observed in respect to mangoes and jack-fruit.
- 906. Nine-sixteenths to the landlord and seven-sixteenths to the tenant.—This is नोमना nausatta. The practice has only been noted to the west and in Patna, Gaya, and South Munger; also (भरी नोमना seri nausatta) in West Tirhut.
- 907. One-third to the landlord and two-thirds to the tenant.
 —This is नेक्करी tekuri or निक्चा tihaiya in Shahabad, Patna, and Gaya, नेक्करा tekura in South-West Shahabad, नेखरी tekhuri in South Bhagalpur, नेक्कची tekuli in Champāran, नियन्सी tisri in Sāran and Champāran, and नेयन्सी tesri in South Munger. Not noted elsewhere.
- 908. Two-fifths to the landlord and three-fifths to the tenant—This is unique packdu to the west and in West Tirhut, unique packda dua in Patna, Gaya, and the south-east, and unique panchdu to the west. Not noted elsewhere.
- 909. Three-fifths to the landlord and two-fifths to the tenant.—
 This is using packdu to the north-west, and user pancha dua in South Munger and Tirhut. Not noted elsewhere.

- 910. Landlord one-fourth, tenant three-fourths.—This is चौरोवा chauthaiya in Champāran and South-East Tirhut and चौडेया chauthaiya to the west and in Patua and Gaya. Not noted elsewhere.
- 911. The following remarks as to custom south of the Ganges may be of use. The division into equal shares is rare, and is confined to the cases of high-caste tenants, or where a tenant has obtained a decree of the Civil Court restricting the landlord's share to one-half. Nine-sixteenths to the landlord and seven-sixteenths to the tenant is the customary rate, the two-sixteenths in excess which are claimed by the landlord being supposed to represent the cost of collection, irrigation, and watching the crops. When the landlord takes less than a half-share of the crop, as in §§ 905, 907, 908, and 910, it is only in exceptional cases, as in time of drought, or when a jungle or waste land has to be brought under cultivation, or when land requires much labour on the part of the tenant. In these cases the settlement is always for a limited period, say one, two, or three years, and is often on a progressive scale, i.e., in the first year the landlord takes one-fourth, in the second year one-third, in the third year two-fifths, and thereafter half of the gross produce. When the landlord takes three-fifths and the tenant two-fifths (§ 909), it is a case of special agreement with a landlord, who lets his private (खूद कामन khūd kāsht) lands. In calculating all these shares (except in the case of division by bundles, see § 913) only the net grain produce after threshing is divided. The tenant in addition takes all the straw.

CHAPTER III.—DEDUCTIONS AND REMISSIONS.

912. A deduction of one ser in the maund from the amount received by the tenant is called उपने supahi to the west, and also चेरानी serhi in Shahabad. A similar deduction of 1½ sers per maund is called in South Bhagalpur नेन neg, or perquisite. In the case of division by appraisement (see next chapter) an allowance is made for deficient produce. This is called to the west and in Tirhut इट chhūt. South of the Ganges and in Champāran it is called गरानी garki, also नान्द nābūd in Patna, इटानी chhūtti in Gaya, गरानी परानी garki parti in South Munger, and नरानी गरानी गरानी marki garki in South Bhagalpur. A similar deduction of 1½ sers in the maund is called in Champāran, Patna, and Gaya चेरानी derhseri; and when of two sers, इसरी duseri. To the west द्वार सवार dahār mahār is the loss to both landlord and

tenant when the produce is deficient through inundation. A remission to a high-easte tenant is called पगन्दी pagri or मामी māphi. North of the Ganges पद्धा pachhua is an allowance made by the tenant for dust in the landlord's share of the grain. In Sāran and Patna चेंच्री anjuri, and in Shahabad चाँच्र ānjur, is an allowance of one or two sers per plough taken by the tenant. चिंच्रानी khalihāni in Patna is an allowance claimed by the tenant, and so also is माँचर bhāmwar in Shahabad and मॅग्नी mangni or माँगन māngan (½ a ser in the maund) in East Munger.

CHAPTER IV .- MODE OF DIVISION.

913. This may be considered under two heads,—division on the field and division on the threshing-floor.

Division on the field.—This may be done either by actual division of the bundles (बोका bojha) or by appraising (कनव kanab) the value of the crop. When the bundles of the cut crop are divided, this is called बोक्स-बटाइ bojhbatai or (in Champaran and South-East Tirhut) खर-बटाइ kharbatāi. To the north-west it is जजाती बटाइ jajāti batāi. The rough appraisement of the crops for the purpose of division is called an kan or क्रत kūt, or कन-क्रत kankūt or कन-क्रती kankutti. When the valuation is done by appraisement it is called कनकुत्ती बटाइ kankutti batāi. It is also called दानावन्दी danabandi generally, भौनहा bhaukatta in Shahabad and the south-east, दसाव damāo or इसन्तरी damkatti in Shahabad. Patna. and Gaya. When the crops are ripe for harvesting the landlord deputes an assessor (अमीन amin) and an arbitrator (सासिस sālis) to the field. They are met there by the tenant and the village officials. The village measurer (asret kathādhar) then measures the field with the local pole, and the arbitrator goes round it, and after a consultation with the assessor and the village officials estimates the quantity of grain in the field. If the tenant accepts the estimate, the quantity is entered in the patwari's field-book (was khasra) and the matter is at an end. If the tenant objects, his fellow tenants are called in as mediators, and if they fail to convince either party a test (परन्तार partar) takes place. On behalf of the landlord a portion of the best part of the crop is reaped, and an equal portion of the worst part is reaped on behalf of the tenant. The two portions so reaped are threshed and the grain weighed. On the quantity thus ascertained, the whole produce of the field is calculated and entered in the field-book. The tenant is

then at liberty to reap the crop and take it home whenever it suits his convenience. In calculating the amount due to the landlord from the whole estimated quantity a deduction in favour of the tenant of generally two sers per maund, called grant chhutti, &c., (see § 912), is made to allow for deficient produce and for the cost of reaping, gathering, and threshing, which in this system of division is borne by the tenant. The remainder, thus calculated, is then divided into the respective shares of the landlord and the tenant, and the latter is debited with the landlord's share in the accounts. If he pays this amount within the year, it is paid in kind; but if he does not do so, its value in money is written against him as an arrear in next year's accounts.

914. Division on the threshing-floor.—This is बटाइ खरिसानी batāi kharihāni, चारेर वटाइ agor batāi (because it is watched or guarded till division), or azra batai simply. The man who weighs the grain is called FE-17 hatva north of the Ganges. He is also इटावे hatue in Champaran, Patna, and Gaya, बाया bāya or बदा baya to the west, सोनार sonar in Patna, and केबाल keal or बनियाँ baniyān in Patna and the south-east. His fees are called seeds hatwai or चटावरे hatwai north of the Ganges, and also पक्षा pachhua in Champaran and Tirhut. In Champaran and East Tirhut they are also सनन्पर manpai or सनन्पीका manpaua. To the west they are बेयाइ beyāi or पनकी pawahi (ई ser per maund), in Gaya and South Munger चोज्या chālsa, in Patna and Champaran भूरिया dhuriya (ई ser per maund). and in the south-east नेचाली keāli or तीलाइ taulāi (one ser per maund). When grain is measured instead of being weighed, 16 cups (पेंडा paila) of grain make one चाइर ārha. In this system the crops are reaped under the supervision of both parties, and are gathered on a common threshing-floor (see § 879), and strictly watched by both parties. Threshing does not take place until all the crops of the village have been thus gathered. Neither party is allowed the use of the crop till the grain is threshed out, weighed, and divided. During the reaping period the tenant at the end of each day gets the gleanings of the field () lorha, &c., see § 878), and a fixed proportion of the gross produce (दिनोदा dinaura, &c., see § 874), which go as wages to the reaper. From the joint crop the village artisans and officials (carpenter, blacksmith, shoemaker, accountant, &c., see §§1193 and ff.), who have worked all the year round for both tenants and landlords, receive their perquisites. When the heap of grain is ready for division, the grain

which is blown away with the chaff (चाइ agār, &c., see § 901) is not divided, but is all the property of the tenant. Out of the common heap are then set aside the dues given for religious purposes (विश्वन पिरिन bisun pirit, &c, see § 1203), and out of the grain thus left the landlord takes his share, but the refuse grain mixed with dust left after removing the bulk of the crop (बरी tari, &c, see § 901) is all taken by the tenant. In this system, too, the tenant gets all the straw, chaff, &c.

SUBDIVISION IX.

IRRIGATION.

CHAPTER I.-IRRIGATION GENERALLY,

915. To irrigate is पराप्त patāëb, or to the west भरल bharal. Irrigation is परावन patāwan or परौनी patauni. In South Munger it is पटान patān. The flooding of a field preparatory to planting rice is चेव leb, जैव leo, or जैवा lewa, and in South Bhagalpur चन्हाव anhāo. Such a flooded field is called पनियापन paniyāel. A water-drawer is पनिचारा panihāra or पनन्मरा panbhara. In the north-west he is also पनन्मररा panbhāra. A man irrigating has various names. To the north-west he is पनन्दश्चा panchhanna, and in Gaya पनन्दन्दा panchhanda; in Sāran and Champaran he is पनन्तरिन्तर panmoruah; in South-West Tirhut he is खरन्वाहा kharwāha; and in South-West Shahabad he is कहेंग kamhaiya. The man who distributes the water in the field with the say hattha or wooden shovel (see section 64) is called ছথ-ৰাছা hathwāha or ছিন্-ক্ৰা chhirkana to the north-west. In Shahabad he is a trait barwah; to the west generally पनिवाह paniwah; in Patna and Gaya, खँडनोडा khanrmora or क्रिचनियाँ chhichaniyan; in Patna, सिंचन्याचा sinchwaha or खँड्न्वाचा khanrwāha; in Champāran and South Bhagalpur, खड्न्क्झ kharkatta; and in South Munger, गॅड्रा-कहा ganrarkatta. The wages for irrigation with a lever are was a lathwahi. Sometimes cultivators combine to assist one another in irrigating. This is called जाना jāna in Sāran and Champāran, पंडी painthi or पखन्टी palti to the west, and the latter also in Patna and Gaya, viter parihar in Patna, परिसर patihar in Champaran and South Munger, and पापड pāët in Champaran and South Bhagalpur.

CHAPTER II.-KINDS OF IRRIGATION.

- 916. There are three main kinds of irrigation:-
 - (a) From canals.—A canal is बद्द nahar (which is generally used only for the Son and similar Government canals), पैन pain, or पैनि paini, and नही naddi or (South Bhagalpur) जही laddi. In South-West Shahabad a canal is नास tāl.
 - (b) From wells (क्या kūān, &c.)
 - (c) From tanks, or ponds.—A tank is पोखर pokhar, पोखरा pokhar, पोखरा pokhar, or नहाद talāo.* A small pond is नहाद talāi. In Patna, Gaya, and South Munger a reservoir of which the water is higher than the level of the surrounding country and is kept in by embankments is called खोजाना khājāna or खजाना khājāna.
- 917. The embankment round all these tanks and ponds is called भीड़ bhīnr or भिष्टा bhinda. Local names are पींड़ pīnr in Patna and Gaya, and खाँडाँ khānwān or खादा khāwa to the west. The post erected in the centre of a tank is जाउ jāt, जाउ jāth, or जाउ jāthi. In South Munger it is जाउ lāth.

पोखरि रकोखरि, श्रीर सम पोखन्ता। राजा सिव सिंड्स, श्रीर सम स्रोकरा॥

Bokhari Rajokhari, aur sabh pokhra, Rāja Sib Singh, aur sabh chhokra.

—"The tank at Rajokhari is indeed a tank; all the rest are puddles. Raja Sib Singh was indeed a king; all others were princelets."

Another version of this is-

ताच तह भीपाच ताच, श्रीर सभ तसेया। राजा तह सिव सिङ्ग, श्रीर सभ रजेया।

Tāl ta Bhopāl tāl, aur sabh talaiya, Rāja ta Sibai Singh, aur sabh rajaiya.

Rajokhariand Bhopāl are the names of two villages in the Darbhanga district, where there are very large tanks, said to have been dug by king Sib Singh.

^{*} In North-East Tirhut भोकरि pokhari is a large tank, as is instanced by the proverbial saying—

CHAPTER III.—IRRIGATION FROM CANALS.

- 918. Flush irrigation, when the water is at a higher level than the field and the cultivator has only to cut the bank of the water channel and allow the water to flow into the field, is called अपन्य apta in the north-west, and अगरपाट agarpāt in Champāran and North-West Tirhut. To the west it is टोइ tor or मोदर mohar. In Patna and Gaya it is जानन chhānan, in South Munger संसान melān, and in South Bhagalpur दुरुका dhurka.
- 919. Irrigation by lift, when the water has to be raised from a lower level, is called उद्ह के पानी हे जाएव udah ke pāni le jāeb to the west, and in the south-east ज्या ukheva. A dam is sometimes built across the stream to raise the water. This is any bandh or are banh generally; also बाँड khāñr, मड्नी garni, and घेरा ghera to the northwest, गराँडी garānri in the north-west, Pātna, and Gaya, फाँडी phānri in Champaran and Patna, गरफी garandi in South Munger, and खाँडो khānro in South Bhagalpur. A gang of men employed in making such an embankment is called in Patna and Gaya गोचाम goām. A long embankment thrown round a plain of high land in which rice is cultivated, and in which there is a flow of surface water, is देंद्री danreri to the north-west and in Patna. South of the Ganges and to the north-west बनाना khajāna, बाहर āhar, बहरा ahra, and बहरी ahri mean the plain itself including the embankment. The embankment as distinguished from the plain is five pind or way alang. A cutting in the embankment is called in Gaya खँड़ब्ह khanrhu.

CHAPTER IV.—IRRIGATION FROM WELLS.

- 920. Wells may be divided into three classes:-
 - (a) Those lined with masonry.—These are called पद्मा pakka.
 In the north-west बावन्डी bāoli is a large well, sometimes with a ghāt or flight of steps running down to the water. इवारा ināra, देंदारा indāra, इवार inār, or देंदारा indra is a large masonry well. In South Bhagalpur राष्ट्र rāhat is a masonry well.
 - (b) A well without masonry lining is called ৰহা kachcha; also কুৰা kūān or কুহ্য kuiyān or কুহ kūp. In South Bhagalpur মঁড়ৰী bhanruki, and generally মত্তকুই bharkūīń, is a small well. In Patna and Gaya ক্তৃত্ব kandri is

- a well dug on a river-bank into which the river-water filtrates and is thereby rendered pure.
- (c) Surface depressions containing water.—These are বুই
 chūln north of the Ganges, বুৰাবে chuāri to the west and
 in Patna, and বুৰা chūān elsewhere. A clay well which
 has fallen in is called মন্ত bhasal north of the Ganges,
 and মনে bharan in Champāran and North-East Tirhut.
 In Champāran, Patna, and Gaya it is মহা bhattha, and
 to the west মান্ত bhagār. All the above are adjectives
 agreeing with মুখা kūān. Another expression used
 in Shahabad is মহামুখা bhathkūān. The space formed
 inside a well by the collapse of the sides is ভাৰে
 khānkhar in the north-west and ভাষা dhodhar in Champāran and South-West Tirhut. To the west it is पाछ
 pāl, and in Patna and Gaya चौर chaunr.

CHAPTER V.—CONSTRUCTION OF WELLS.

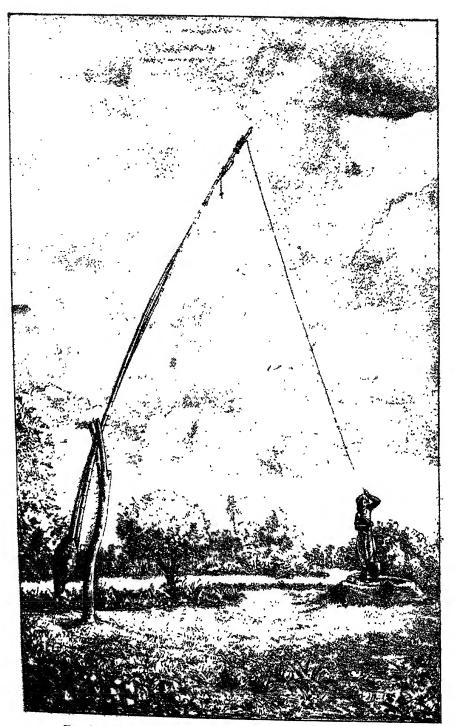
- 921. The large circular excavation made before a masonry well is built is द्वड़ dawar to the west and in Patna and South Tirhut, and खाँचर khānkhar to the north. In South-West Shahabad it is गोंच gol, and in the rest of that district गोंच गांच gol gāl. In Gaya it is गोंचमर golommar or सभार khabhār.
- 922. The spring is चोना sota north of the Ganges, and also in North-East Tirhut मोना moka. In Shahabad it is चोन sot or दानी sutti, in Patna, Gaya, and South Munger चोद soë, and in South Bhagalpur चोन sot or चेंगारा sangra. The side spring in a well is नरचोचा tarsoa in north-west and in West Tirhut. Springwater is नरियार पानी bariyār pāni, or in South Bhagalpur चेंगारा sangra, and in South Munger जिन्नार jiugar, the two latter words being adjectives. When the spring is tapped the phrase used is, north of the Ganges, नावा इट गेज tāwa tūt gel, and south of it बरियार (or जिन्नार) पानी चानि गेल bariyār (or jiugar) pāni ābi gel. The hole through which the water rises when the spring is reached is चूड़ bhūnr or चूर bhūr. In Patna and South Munger it is चुरुचा bhurha. An optional word in South Bhagalpur is चम bam. When the spring is copious, it is called चूड़ bhurphut. When the spring is not reached, the well is called चूड़ bhurphut. When the spring has risen, is चिन्ना paniha.

- 923. A well supplied from a spring and not from surface drainage is सुनिहा suttiha to the west, and सोतः डी sothi in the rest of that district. In Patna, Gaya, and South Munger it is सोर्या soiya, and in South Bhagalpur जस्म jaldhar. The place where the earth begins to become moist as a well is being sunk is पनःसेंच pansel or पनःस्वा pansacha in the north-west. In the south-west it is परोद pasoi, and to the south-east परेवा pasewa. In some cases there is a stratum of sand so fine that it falls in at once and chokes the well. This is known in the north-west as भाष bhās The depth to which a well is dug is measured by the height of a man (प्रिक pūris or पोरन्स porsa). Thus a well is said to be four, five, six, or seven प्रिच pūris deep.
- 924. The masonry cylinder of a well is खनजीर khanjir. When a well is made up with circular hoops of kiln-burnt earthenware for sides, these hoops are called खपन्डा or खपन्दा khapra. Other names are (north-west) नाद nād, (South-West Shahabad) मोखन्डा mokhra, (Patna) गिरन्दा girda, (Patna and South Munger) गॅंड्डा ganrua, and पाट pāt in South Bhagalpur. Sometimes a coil of twigs is used for the same purpose, which is known as कोटी kothi, डोज dol, or कोंड़ binr in the north-west—the last also in Patna and Shahabad, दोज dol in the south-east, and किंग्डी bindi elsewhere in the south. Wells protected in this way are कोडिजा kothila to the west and गड़ीका garauān in Patna. Wells are sometimes lined with a wooden cylinder, and are then called कारकार kathkūān. When the cylinder of a well fails to sink, a second smaller cylinder is sometimes sunk inside. This second cylinder is called परन्दर parchūīn.
- 925. The wooden base of the cylinder is made of jāmun wood, and is called जमन्द jamuat or जमोट jamot. In South Bhagalpur it is called जमन्दाउ jamkāth.
- 926. A well so large that two buckets can work it is called दोखडी dolatthi. In Patna and the south-east it is दुजान dujāt, and in South Munger also दुजना dujanta. One for three buckets is निन-जड़ी tinlatthi or तेखड़ी telatthi; in South Munger it is नेजना tejatta, and in South Bhagalpur निन-जाँन tinjānt.
- 927. The well-dredger and well-spear are described in § 39 and ff.

CHAPTER VI.-THE LEVER USED IN RAISING WATER.

- 928. This is देंकुल dhenkul, देंकुला dhenkula, or देंकी dhenki. It is also called जाउ lāth, जहा lattha, or जाटा lātha south of the Ganges, and जाँत jānt in South Bhagalpur.
- 929. The pot (whether earthen or of iron) is कूँड़ kūnr, कूँड़ो kūnri, or कुँडो kundi. A smaller iron vessel used for drawing water by hand, and not by means of a lever, is डोड dol, other names being डोडंडा lohanra in Shahabad and दोड dol in South Bhagalpur. In North-East Tirhut, however, डोड dol is also used for the lever-bucket. In Gaya कटन्डो kathnahi is a wooden bucket for drawing water from a well. The stick placed across the mouth of the bucket to which the rope is fastened is किंद्री killi or युव्ही gulli. In South Bhagalpur it is रचनिक्र rankilli or युव्ही pulli. The string which fastens this to the pot is करेटी kaneti to the north-west and बुँड़ियाटी kunriyāthi generally to the north of the Ganges; also चोरनिक्श chorkilli in Champāran and North-West Tirhut.
- 930. The rope of the lift is बरन्स barha. It is also called बर्ड barah in South Munger, and उथन्तर hathbarhi and उवहान ubahani in Champāran and North-East Tirhut. The short rope joining it to the bucket by a slip-knot is पनन्तर panchhor or होरी chhori, with the following local names:—होर chhor (west), होता jota (Patna, Gaya, and the south-east), नामा nādha (Gaya), नोनी joti (Shahabad and South Munger), and बगन्स bagha (South Bhagalpur).
- 931. The lever-beam is बॉच bāns when made of bamboo, also कीय chhīp in Champāran and North-East Tirhut. जाउ lāth or जाउा lātha is a shorter and stouter one. Other names are धुरन्दी dhurhi (South-West Tirhut), उज्जा dhenkul (west), and जाउा danda (south-east). Sometimes a thin piece of wood is spliced on to the end of the beam. This is called जाउा bansjor, and in Patna and the south-east जीप chhīp. The end of the beam which projects beyond the rope over the well is called जाउ agār or जाउरी agāri.
- 932. The lever-beam is weighted with a counterpoise of clods of earth, &c., fixed to the end furthest from the well. These are called बेद led, बेदा leda, and बेदी ledi. In East Tirhut they are बेघ ledh, and in South-East Bihār बेघो ledho. Other names are प्राइ pachhār (Champāran), परेड़ pachhar (South-East Tirhut), and प्राची chakri (Champāran, Patna, and Gaya). The peg with which these are

The irrigation bever (latha;, sulled down, with the bucket lowered in the well



The irrigation lever (Latha) raised, with the bucket out of the well

fastened to the beam are दूँटा khūnta or दूँटी khūnta; also गँड्नेखा gañrmekha (Patna and Gaya), युद्धी gullı (Patna), and किसा kılla (Patna and south-east)

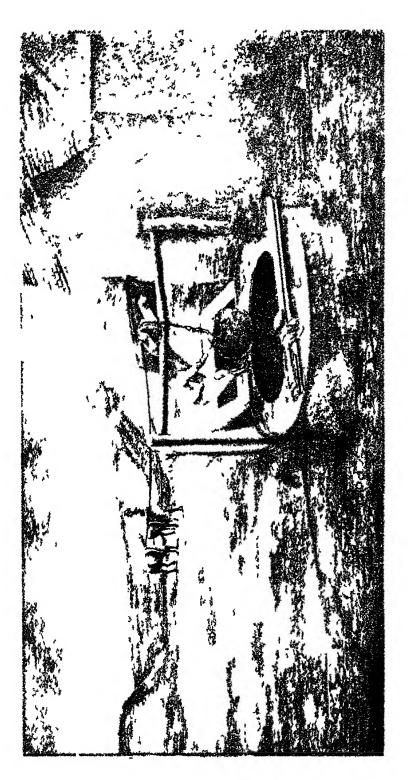
- 933. The post on the top of which the lever swings is खन्मा khambha; also ধাবৈষা dhorea in Patna and Shahabad. To the west মুর্বই dhu; aī is a post with two branches at the top. These posts are often made of a live tree called जीयल jayal (Odina Wodiei), which forks naturally in a convenient position, and which will grow if only a piece of it is stuck in the ground, hence its name. The forks are and kān, and kāna. कानी kāni, कड़ा kanna, or कड़ी kanni. In Champaran and the southeast they are दोकानी dokām or दुकानी dukām. The cross-axle is चर्चीता akhauta or अखीत akhaut, local variants being अखीतो akhoto (South Bhagalpur), अंखीता ankhauta (South Munger), and अखेता akheta or चाबेंद् akhed (optional) in Gaya and Patna. Other names are मॉका mānjha in Champāran and Gaya, and zien tona in Patna. At right angles to and underneath this cross-axle a piece of wood is tied under the lever-beam to keep the axle in its place. This is called सकरी makri in Patna, Gaya, and the west. The holes in which the cross-axle works are called ed whol.
- 934. The wooden framework over a well on which the person who draws the water stands is called परियान partyātha or पौडा pautha.
- 935. When a bucket or lota falls into a well, it is pulled up by a set of grappling-hooks, called कॉटा kānta, काखा kanta, or भागार jhaggār.

CHAPTER VII.—THE SKIN BAG USED FOR DRAWING WATER.

936. The use of this has not been noted in East Bihār. In West Bihār it is सोढि moti, सोढ mot, or सोढ mont. The iron ring round its neck is सङ्ख्या mentra, also कड़ाई karāhi and कड़ा kara in Sāran, and कॉड़ा kānra in South-West Tirhut. The rope or cord which joins the bucket to this iron ring is निश्चारी nathiyāri or सोरची sorhi; also निश्चा nathiyā in South-West Tirhut. The semicircular pieces of bent wood fastened to the ring to keep the mouth of the bucket open are सोरई ghoras or सोरानी ghorāni. To these are fastened two rings of iron, which are called कड़ी kari or साखा bāla. किसी killi or युसी gulli is a wooden peg by which the bucket is fastened to the well-rope.

CHAPTER VIII—OTHER WELL-APPLIANCES CONNECTED WITH IRRIGATION

- 937. The portion of the mouth of the well on which the bucket rests as the water is being discharged is called खडाँस arāns or खंडास annās. Sometimes this is of wood. On this straw or rushes are placed to save the vesuel and prevent splashing. In Patna and Gaya this cushion is called सीटा sītha or विखा binda, and in South-West Shahabad स्वार shengra In Sāran a similar article made of leather is called खडा chhalla. When made of straw in Sāran it is called चचार chachār, and in Champāran चचरा chachra. The catch-basin into which the bucket is emptied is called तीया titha to the west. Elsewhere it is called खड़ाँस arāns, सीटा sitha, &c, as above.
- 938. The bullock yoke, which has two bars (see § 14), is पासे सोटन्स pālo motha or ज्याद juāth Local names are सोट joth (Patna) and ज्याद jūar (Champāran and Gaya). In Champāran, Patna, Gaya, and South Munger पासे pālo is used. The above names are also used for the upper bar, and also पद्मा palla in South-West Shahabad. The lower bar is तरपरेस tarsail or तरसेस tarsaila, local names being संसा saila in Shahabad, ततार gatār in Champāran and Gaya, and समझ jahar in the south-east. The outer pins joining these two bars, and which go outside the bullock's necks, are called परेस sail or सेसा saila to the west, and करेस kanail to the north-west and east. The similar pins inside are समझ samail or (Patna and the south-east) समझ samaila. They are also called परार pachār in Shahabad. The knob to which the rope is fastened is सदादेवा mahādeva. In the south-east it is सदादेवा mahādeva.
- 939. The wooden framework over the mouth of a well to prevent people falling in is जंगन्स jangla The wooden beam laid over the well on which the person drawing the water stands is पावड pāwath or पौडा pautha. Other names are खनन्मरा latmara (Patna and North-West Tirhut), नोइन्पौडा gorpautha (South-West Tirhut), and घरना dharna (Champāran and South Munger). The masonry work at the mouth of a well is जगन jagat to the west. Other names are मुद्देर murer (west), मुद्देरा murera (also in Champāran) or निरादी nurāri in Patna, मुद्देरी mureri in Champāran and Gaya, and मुद्दा mūrha in the south-east.
- 940. The pulley is generally supported in the fork made by two lopped branches of the trunk of a tree erected by the well. This trunk is called gard dhurh or sai khamha to the north-west and in South Manger. South of the Ganges we have gat dhura or situal dhorea



The skin bag for drawing water (nuiti), as worked with bullwiks.

(Nors -The photograph lad mocessarily to he taken from a great height, which throws the pecture somewhat out of perspective. Really the bullecks are going down hill, and the receiving vat, is level)

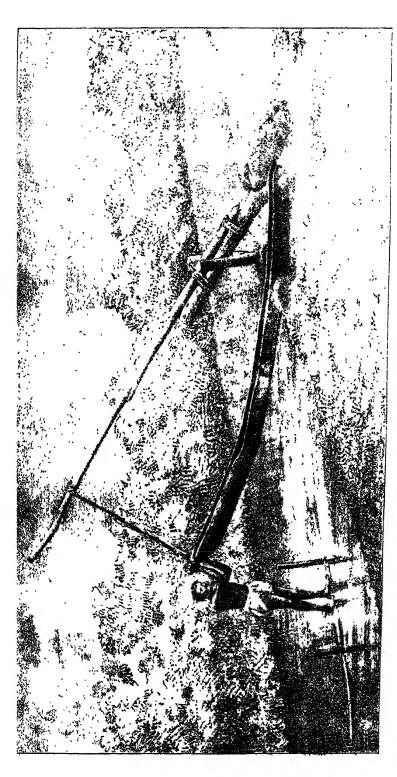
- 945. The man who distributes water in the field is called पननीरा panmora or पनन्द्रमा panchhanna north of the Ganges. South of the Ganges he is बरन्वाच barwāh in South-West Shahabad, सोरन्वाच morwāh in the rest of that district, and खँडचार khanruār in Gaya. He is also खरन्वाचा kharwāha in Sāran and खँडन्वाचा kharrwāha in Patna.
- 946. The man who distributes the water with a spade has already been described in Chapter I of this subdivision.

CHAPTER XI.—THE PERSIAN WHEEL.

947. The Persian wheel is not used in Bihār. Its name, rahat, is however known in Patna.

CHAPTER XII.-IRRIGATION FROM TANKS AND STREAMS.

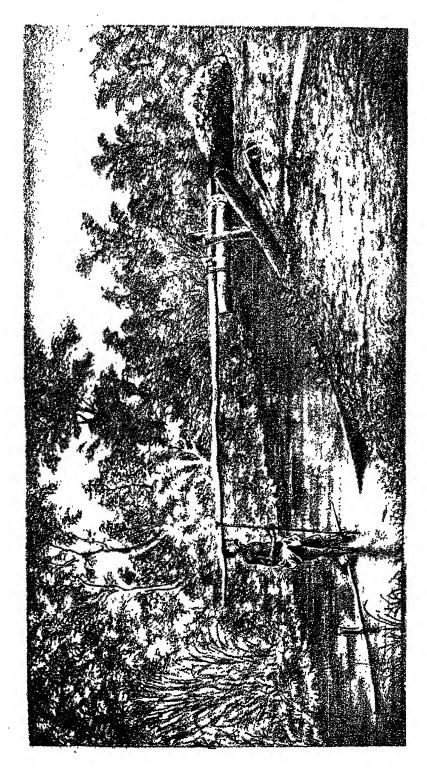
- 948. Water is raised from these either by the swing-basket or by the spoon-lever.
- 949. The swing-basket.—The swing-basket is generally चेर sair to the west and चाँड chānr in Central and Eastern Bihār. In Tirhut it is also दोस dhos, in South-West Shahabad दोरा daura, in Champāran and Gaya चर sar, and to the south-east चेन sain. The strings from which it swings are चोर dor or चोरी dori. The place where the men stand who work the basket is जोर-पोर gorpaur, or to the west पौचा paudha. In South Bhagalpur it is चेनार sainār. The men who work it are चेर-वाच sairwāh, चेड़िवाच chanriwāh, or टोचवाच dhoswāh in the above-mentioned localities respectively. To work the basket is चेर (चाँड़ or टोच) चनाएव sair (chānr or dhos) chalāēb. In South Bhagalpur it is चेन वराएव sain barāēb. The pit from which the water is lifted is चेड़ियार chariyār in Gaya and South Munger.
- 950. The spoon irrigation lever.—This is a long log of wood hollowed out like a spoon. It is so balanced that the bowl end is over the water to be raised. It is depressed into the water by the foot, and, rising by its own balance, discharges the water along its stem into the higher catch-basin. It is called the don to the west, and attain craft karing to the east. The man who works it is called the donwah and attains karinwah or attains karingwah respectively. The place where he stands is the pautha in the west and the attains alternara in Tirhut.



Irrigation lever (tatha), showing the method of discharging water



Water-lifting with the noing-basket (sair or chanr).



Irrigution lever (latha), showing the method of taking in water

CHAPTER XIII—WATER-LIFTS AND OTHER TERMS COMMON TO IRRIGATION BY THE SWING-BASKET AND THE SPOON-LEVER.

- 951. The height to which the water is lifted is बोद्र bodar in Sāran and Shahabad, बतुबा anua in Champāran, and गार gār in North-West Tirhut. South of the Ganges it is चढाव charhāo, बनीबा anaua in South-West Shahabad, and प्रबाव eghānu, &c, as follows.
- 952. When there are several lifts, the first reservoir is called हवन्या thewha in the north-west, पर्न्या गार pahla gār in North-West Tirhut, and जानर kānar in North-East Tirhut. South of the Ganges it is खडाना khajāna or प्रयाव eghānu. Of this last there are local variants प्रयावा eghāwa in Patna and प्रयाय eghāy in South Bhagalpur. The top of the lift is खड़ानी arām to the west, and सोहा sītha in South-West Tirhut, Patna, and Gaya. The catch-basin from which the water flows into the field is नीया titha to the west. It is also परन्या parchha in South-West Shahabad, and सेख-वानी melwāni in Gaya.
- 953. When there are two or more lifts, the second from the bottom is दोघाँच doghānw, with a local variant दोघाँच doghānw in Patna. The third is नेघाँच teghānw, or in Patna नेघांचा teghāwa The fourth is चौघाँच chaguhānw, or in Patna चौघांचा chaughāua. These lifts are also called उचका theuka in South-West Shahabad. Thus दो उचका do theuka, नीच उचका tin theuka, &c. The raised bank between the two reservoirs is चाँचाँ khānwān in South-West Shahabad and मेंद्र menr in the rest of that district. In Gaya it is पाँच pīnr, and in Patna चांचा alang. In South Munger and Patna it is चांचर āhar, and elsewhere चाँच bāndh or चांच bāndh.

CHAPTER XIV.—WATER-CHANNELS.

954. The channel which conveys the water into the field is generally पेन pain or पेनि pain. In Patna, Sāran, and Shahabad it is also करना karha, and in South-West Shahabad बाहा bāha. In Tirhut it is पाँउ pauth or दवन dawan, and in North-East Tirhut पोटी pauti. In South-East Tirhut it is कह bah. To the west नारी nāri is also used. In the south-east and Champāran we find चाँड़ dānr, and also (in South Bhagalpur) विकास singha. In North-East Tirhut कान्या kanwa, and in Patna and Gaya कान्या kanwah, is a narrow branch channel leading from a पेन pain. A water-course generally is नहीं

naddi or (in South Bhagalpur) सही laddi, and its branches बाधा bāha or (north of the Ganges) बढ़ना bahna. In Shahabad छेर chher is a shallow spring of water, and its branches निगर्दन nigrain. In Patna and Gaya भोतिका bhokila and टॅड्या tanrua are small water-channels. The latter is smaller than, and is a branch of, the former. A turn in a water-course is मोरानी morāni in Patna and the north-west, and दुमान ghumān in Champāran and North-East Tirhut.

DIVISION V.

AGRICULTURAL PRODUCTS AND THEIR ENEMIES.

SUBDIVISION I.

AGRICULTURAL PRODUCTS.

CHAPTER L-WHEAT.

- 955. Wheat (triticum vulgare or sativum) is सेंड gehuñ north of the Ganges. In East Bihār generally, however, it is अडम gahum. To the west it is also मोड gohuñ, and elsewhere south of the Ganges and in North-East Tirhut मोडम gohum. In Gaya it is also मखा manda. Cf. § 823.
- The chief varieties are मुँडिया munriya, a first-class beardless wheat. In South-West Shahabad this is सुँडिखन्दा munrilua, सुडन्डा murla in Saran and Patna, and मुड्न्डी murli or मुँड्या bhuñriya in दावदी daudi or दौदी daudi in West Bihar, or to the south-west and in Gaya दौदिया daudiya, is an excellent white beardless wheat. In Tirhut it is known as क्यान खानी jamāl khāni. A white round-bearded wheat is known as दूधी dudhi or दुधिया dudhiya in South Tirbut, Patna, and South Munger. In South Bhagalpur it is yackrukhi. watar lalka in Shahabad and South-West Tirhut, देसी desi or देशिसा desila, and सर्जा harna or चॅरन्रस्ना hañrrahua, in the north-west, दादा hara in Tirhut, दहरदा harhara in South-West Tirhut, इड चा harha (Patna), जेवलान्हा kewalha (Gaya), and जमानी jamāli or जमरिया jamariya to the east, are a small-grained red wheat. जन्मा talka also occurs in South Munger. North of the Ganges इरिगच्छा dogla is a mixed wheat composed of जमाच खानी jamāl khāni and डाडा hara. बड-बडमा bargahuma in South-East Tirhut is a large bearded wheat. In Shahabad ter renra means stunted wheat.
- 957. The germ of a grain of wheat is south of the Ganges 377 putti. When a grain of wheat germinates first, the sprout is called 3531 suiya or 3331 ankurha to the north-west, and

कड़ी kanni in Patna. In North-West Tirhut it is डेफ deph, and to the east डेफी dephi. The phrase used is सुद्या गैस suiya gail north of the Ganges, or डेफ निकन्सल deph niksal in North-East Tirhut. To the west they say रेंडल वा renral ba or रेंड गैल renr gail. In Gaya they say सुवाल वाने है sua āwe hai, and in Patna कनियापन वान * kaniyāel āwa hai. When it has further sprouted, but has not yet taken firm root, it is प्रतन्ता putra. When the blade throws out shoots they are called दिसी dibbhi; also डाभी dābhi in South-West Shahabad, and टॅमी tembhi in Patna. When about six inches high it is called की चा लुकान kaua lukān in Gaya, Sāran, and Shahabad, and कौचा अपान kaua jhapān in the south-east, both meaning sufficiently high to hide a crow. When it is cut unripe it is known as store horha, or (Tirhut and the South-East) Tree orha, and (optionally) in South Munger as हो ल न्हा holha. When the ear begins to form, they say रेंडा भेल बा renra bhail ba in the north-west, गभा भेल वा gabha bhail ba in South-West Tirbut, and गन्द-ड़ा भेल चकि gambra bhel achhi in the rest of Tirhut. In Shahabad they say दुधियाण्ड dudhiyāel. In Patna and Gaya a similar phrase, or the phrase गदनराप्रस है gadrāel hai, is used, and in the south-east they say दुधे dudhailai. गदनराप्रस gadrāel is also used in Tirhut. When the grain hardens they say it is Tarting habsāël in South-West Shahabad, केंबाएस kailāël generally; in Saran and West Tirhut also गोटाप्र gotael, अधन्यक adhpakku in Gaya, केला गेल kaila gel in Patna, and कलाएल kalāėl in the south-east.

958. The beard is टूंड tūnr or टूंड़ा tūnra to the west, and द्वां sūngh or द्वां sūng elsewhere. In South-West Tirhut it is खंड़ sūnr. The ear itself is बाड bāl, except in North-West Tirhut, where it is बाड़ी bāli; in South-East Tirhut, where it is चीड sīs; in South Bhagalpur, where it is डीडा sīsa; and in South Munger, where it is ड्यान्ना tungna.

CHAPTER II.-MIXED CROPS.

959. Wheat and barley grown together are गोर्का gojai. A mixture of peas, gram, barley, or wheat, or any two or three of them, is called तेरन्त terra in South-West Shahabad, गजर मधर gajar masar in the rest of that district, गजर बजर gajar bajar in Champāran, गजा बजा gaja baja south of the Ganges generally, and उटन्त utra in Patna. In the north-west it is पेरा paira, in West Tirhut पेर pair, and in East Tirhut पोर paur or बेमन्त bejhra. Barley grown with the smaller pea (केराव kerāo) is की केराइ jau kerāi

RICE. 215

generally, also को सटन्दा jau matra to the west, जकेदाइ jakerāi to the south-east, and जब केदन्दा jab kerwa in North-East Tirhut. Other names are कुमहो केदाब kusahi kerāo in Patna and the south-east, कोमे kosi in South Bhagalpur, and इरम्पोरन्या केदाब harphorwa kerāo in South-West Shahabad. बेरन्दा berra or बेर्ड्ड beraī in Shahabad is barley mixed with gram, and the same is called जब बुद्दा jab butta north of the Ganges, and जो बद्दा jo butta in the south-east. जो खेमन्दा jo khesra is a mixture of barley and peas (क्यादो khesāri) in the south-east.

960. When there is a mixture of crops, the inferior one is called नरी tari when compared with the other. Thus in जो केरार jau kerāi the small pea (केराव kerāo), being the inferior, is the नरी tari.

CHAPTER III.—BARLEY AND OATS.

- 961. Barley (hordeum rulgare) is জী jau generally. In the northeast it is জাৰ jab, and in Patna and the south-east আ jo. North of the Ganges জাই jai (also in Shahabad) or জালাবী jantari are shoots of barley artificially grown and distributed by Brāhmans at the festival of the Dasahra In Gaya they are জালাবা jawāra, and in Patna জালা jainti. The prickly hairs on the ear are ভুঁছ tūnr in West Tirhut, Sāran, and Shahabad; ভূঁছা tūnra or ভূঁছা sūnrha in Champāran and Tirhut; ভূঁছা sūnr in South-West Tirhut, and also ভূੱষ sūngh or ভূঁম sūng in Patna and the east generally.
- 962. Oats (avena sativa) are called the sister of barley, and are hence named कई jai or क jai.

CHAPTER IV .- RICE.

963. Rice (oryza sativum), whether as a crop or threshed but unhusked, is called घान dhān. When husked it is चाउर chāir, but the Hindi form चाउन chāual has also been noted in Patna. Husked rice is of two kinds, viz. चाउना arwa, which is not parboiled before husking and is eaten by the higher castes, and the cheaper, which is parboiled before husking and is eaten by the lower castes. This latter is called चिचा usina, चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda. Rice when partially husked is called चाउना usna, or जोचाँदा josānda.

South Bhagalpur कींको chhaunki. When rice is boiled to a mash, it is called मोजन्द्य golhath or गोजन्द्रको golhatthi. In Gaya पनिद्वता panihata is a dish made by adding water to the rice left from last night's supper. In addition to the usual names, जार lār, पोचार poār, &c. (see § 894), the long straw of transplanted rice is called मोरी पेटारी mori petāri, or (in Champāran) पेटादी petāhi or (in Shahabad) पेटादी petāhi.

964. The varieties of rice grown in Bihār are very numerous, as is borne out by many proverbs, such as the following:— रजन्मत को धार के बार के राइ rajpūt o dhān ke or nāhiñ hai,—there is no limit to the clans of Rajputs or the kinds of rice; धान बामन के एक दास dhān bābhan keñ ekke hāl,—rice and Bābhans are one and the same (in number of kinds). Rice may be divided into two broad classes, those which are sown at once broadcast and are called बावन bāwag, बाबोन bāög, (in Gaya) बोनेड़ा bogera, or in Patna बोन दा bogha, and those which are sown in seed-beds and transplanted, being called रोप rop or रोपा ropa or (in Gaya and Patna) रोप-दा ropha. At the same time it should be noted that practice varies with locality, and that a kind of rice which is बावन bāwag in one place may be रोपा ropa in another.

A .- RICE THAT IS SOWN BROADCAST.

965. (1) with eathi.—This is a red rice, and ripens in sixty days from sowing, as in the proverb—

चाठी पाके चाठ दिन, बरन्खा चोखे रात दिन.

Säthi päke säth din, Barkha hokhe rät din.

-Sāthi ripens in sixty days if it rains night and day.

In the east it is also called गॅमन्से gambhri or गन्दारी gamhri. It is sown in the month of Jeth (May-June), and is cut in Sawan (July-August).

- · (2) ভাৰনো sokna (north-west).—This is sown with the first fall of rain in Jeth (May-June), and is cut in Bhādoū or Āsin (i.e., in September). This crop is also called মইয়া bhadaiya.
 - (3) The following are sown in Phagun (February-March) and Chait (March-April), and are cut in Aghan (November-December). The names were principally

collected in East Tirhut, and unless the contrary is specially stated do not apply elsewhere:—

- (a) चकाल बीर akāl bīr. (In Sāran चकाल गीर akāl gīr, and in North-East Tirhut also काला गीर kāla gīr.)
- (b) ভলাসং ujāgar, or in Sāran লাসং jāgar, which name is also current in North-East Tirhut.
- (c) चनावक chanābak.
- (d) भाजन्मरन्द्न jhalmardan.
- (e) इरन्मी darmi (also known in the north-west).
- (f) ইন্ধবিষ desariya (Tirhut and Champāran). In Sāran it is called জনবিষ্য jasariya).
- (g) पौचर pīchar.
- (h) Telle belaur (also known in the north-west).
- (i) Hisa bhāntin (Sāran).
- (j) भेर-वेट bhaislet (also known in the north-west).
- (k) जाँकी lānji (Sāran).
- (1) सतरिया satariya (Sāran).
- (m) पाहिन sāhil (Sāran).
- (n) चिंगन्रा singra.
- (o) सोवन्रा sobra.

Champaran. The following (also East Tirhut) are sown in Jeth (May-June). They are sometimes sown broadcast and sometimes transplanted:—

- (a) युक्ती dhusri (also known in Champaran).
- (b) THE bastar.
- (c) राम दुवारी rām dulāri.

966. In South-West Shahabad the following kinds of rice are sown broadcast:—

- (a) करँगा karnga Two kinds with a black grain (also known
- (b) कर्रनी karngi) in Sāran).
- (c) কংশ্বনী karhanni, a small black grain (also known in Sāran).
- (d) बादिन khātin, a coarse kind.
- (e) ঘৰ-ইংৰা sahdeïya, a red kind.
- (f) चाडी sāthi. See above.

(g) ব্রং serha, a small black and white grain. Like the ঘাই sāthi, it ripens in sixty days. The South-West Shahabad version of the saying already quoted is—

भेडा साठी साठ दिन, जैंब देव बरम्से रात दिन Serha sāthi sāth din, jemw deb barse rāt din.

-Serha and sāthi take sixty days if it rain night and day.

In the rest of Shahabad the following kinds of rice are sown broadcast:—

- (a) पनन्सारी pansāri.
- (b) सरसीकर bhuinsikar.
- (c) मँगा mūnga.
- (d) राम करण्डदी rām karhanni.
- (e) राम दूजारी rām dulāri.
- (f) साहिल sāhil.
- (g) सिर•इष्ट sirhant.
- 967. In Gaya sowing is done in the month of Akhār, in the hunar asterism of Aradra (June-July). About this asterism (नक्सर nachhattar) and the two following ones the following rhyme is current throughout Bihār —

चरदरा धान, पुनरवस पैया गेब, विसान, जे वोए चिरैया

Aradra dhān, Punarbas paiya, Gel, kisān, je boe Chiraiya.

-Paddy sown in Aradra turns into plenty, sown in Punarbas to chaff, and sown in Chiraiya (or Pukh) it turns to nothing.

The paddy is generally cut in the month of Pus (December-January).

Amongst the kinds of paddy sown broadcast in this district are-

- (a) प्रदन्ती edli.
- (b) कतिका katika,—cut in Kātik (October-November).
- (c) ক্ষম্প্র kanbada.
- (d) acraft karhanni.
- (e) जोंगा jonga.
- (f) भारना jhanrga.
- (g) धुसन्दा dhusra
- (h) रटन्वा ratwa.
- (i) wetzen laldeiya.

- (j) सोइन्स lohra.
- (k) चिरन्द्री sirhatti.
- 968. In Patna on the first fall of rain, which generally takes place in the asterism of Rohni, in the month of Jeth (May-June), the sowing is commenced. Paddy which is sown broadcast is divided into two classes—a red, which is considered superior, and is called द्वारा दिया lalgondiya, and a black, which is considered inferior, and is called द्वारा क्षेत्रक bogha. The former kind includes द्वारा देश karhanni as the principal. The ear is black.
 - 969. In South Munger the following kinds are sown broadcast:-
 - (a) won a ajān, a white variety.
 - (b) कजन्री kajri.
 - (c) acraî karhanni. See above.
 - (d) विरन्दन khirdant.
 - (e) इयान्स chhagra.
 - (f) जौरा jauga.
 - (g) पन-सादा pansāha (a coarse red kind).
 - (h) बुढ़न्वा burhua.
 - (i) tinf rangi.
 - (i) परिदन sarihan, a white variety.
 - (k) सिरन्दशी sirhatti.
- 970. In South Bhagalpur the following kinds are sown broadcast:—
 - (a) कन्नरवरो kajargharo.
 - (b) गोचन्सा gohma.
 - (c) चाँग chang.
 - (d) चौंगा jonga.
 - (e) दुरन्द dudsar.

B.—RICE THAT IS TRANSPLANTED.

971. This rice is generally sown with the first rains in Jeth (May-June). It is transplanted in Sāwan (July-August). In Patna the custom is to commence transplanting on the 5th of Sāwan, after holding a festival, called नक-पाँची nakpāncho, or the "fifth of the asterism (नकत nakhat)." The regular harvest is held in Aghan (November-December). Before this, however, some is cut for the ceremony of विद्यन पिरित bisun pirit (called in Sāran विद्यनदिया bisunatiya), at which Brāhmans are feasted on the new grain.

- 972. The following kinds of rice are transplanted in Tirhut:-
 - (a) The anga, a black bearded kind.
 - (b) कनक जीर kanak jīr (East Tirhut).
 - (c) कसोच kamoch, a black kind grown in North-West.
 - (d) करन्मा karma, a long black kind (Tirhut).
 - (e) गडमा gahuma, a red flat kind grown in North-East Tirhut.
 - (f) জন্ম jagarnathiya, a similar kind grown in North-West Tirhut.
 - (g) হুম্বৰ dudhrāj, small and white.
 - (h) निचा nanhiya (East Tirhut).
 - (i) ৰহনে baharni (North-West Tirhut) or ৰহানে baharni (North-East Tirhut), a long white variety.
 - (i) भास गरी bhāl sari.
 - (k) सनसन्दी manasri, a red variety (also known in Saran).
 - (l) मास भोग māl bhog.
 - (m) रसनी ramuni (also known in Sāran).
 - (n) ज्ञाल देऱ्या lāl deïya, or in Sāran जलन्देऱ्या laldeiya, a red variety.
 - (o) चरिष्ण sarihan (north of the Ganges generally), sown in Baisākh (April-May) and out in Sāwan (July-August).
 - (p) বিভাৰত silhat, with a black husk but white grain.
- 973. In South-West Shahabad the following are transplanted:-
 - (a) जलन्दोर jalhor, possesses a fine grain.
 - (b) will jhengi, a white variety.
 - (c) হুঘ-কাঁড়ৰ dudhkānrar, white.
 - (d) बासन्सती bāsmati, a superior white variety.
 - (e) वैतरकी baitarni, a reddish kind.
 - (f) মাৰ্কাৰৰ bhenrkābar, a coarse red kind.
 - (g) मांच देशी māl dehi, a fine-grained variety.
 - (h) बुद्भी mutuni, white.
 - (i) रसन्जूषा ramjūa, fine.
 - (j) ৰা নিৰ্মা longchura (a black and very fine variety).
 - (k) चिरी केवच sirī kebal, white.
- 974. In the rest of Shahabad the following are transplanted:-
 - (a) जनक-जीरा kanakjīra.
 - (b) दुसरा dulahra.
 - (c) रोजनी dolangi.

975. In Gaya the following are transplanted:

- (a) कमन्सा परन्साद kamla parsād.
- (b) गजन्पत्ता gajpatta.
- (c) गुड•रा gudra.
- (d) गोखुच पूज gokhul phūl.
- (e) गोपास भोग gopāl bhog.
- (f) डाकुर भोग thākur bhog.
- (g) বুঘ-মিলাভ dudhgilās.
- (h) धनीवा dhanīwa.
- (i) नी घारा nau dhāra.
- (j) वकोइया bakoiya.
- (k) बतास फेनी batās pheni.
- (1) बताचा batāsa.
- (m) बन्दाँटी branti.
- (n) बांचन्सती bāsmati.
- (o) साधन्या mādhua.
- (p) सुरन्धी murdhi.
- (q) खाख केचर lāl kesar.
- (r) साम जीरा sām jīra.
- (s) स्त्रा पड़ी sūga pankhi.
- (t) सेस्टा selha.

976. In Patna the following are transplanted:—

- (a) वसन्मतिया basmatiya.
- (b) सफेद saphed.
- (c) सियाच siyāh.
- (d) सेव्हा selha.

977. In South Munger the following are transplanted:

- (a) चनार कडी andr kali.
- (b) कजन्री kajri.
- (c) क्यन चूर kanchan chūr.
- (d) कारी बाँक kāri bānk.
- (e) गजन्पती gajpati.
- (f) तुबन्धी फूल tulsi phul.
- (g) इोलन्मी dolgi.
- (h) बांचन्सनी bāsmati.
- (i) सप-घी lupdhi.
- (j) चित्ती सार sits sar.
- (k) चेन्हा selha.

- 978. In South Bhagalpur the following are transplanted:-
 - (a) कनक चूर kanak chür.
 - (b) कमोदी kamodi (a sweet-scented variety).
 - (c) गोखुल सार gokhul sār.
 - (d) दौना फूस dauna phūl (a sweet-scented variety).
 - (e) बाग नर bāg nar.
 - (f) बाँस फूल bāns phūl.
 - (g) बांस-मती bāsmati.
 - (h) बासा पसिन bāsa pasin.
 - (i) मनन्सरा mansara.
 - (j) रमनिया ramaniya.
 - (k) राम दुखर rām dullar.
 - (l) इस-चा hamcha.
- 979. Of all the above rices, the most esteemed is साम जीरा sām jīra. It is a fine kind, and when cooked its fragrance fills the house. The next best is बांस-सती bāsmati or वस-सतिया basmatiya, which is not quite so fine as the first. सेव्हा selha may be considered as the third best.

C .- OTHER MISCELLANEOUS KINDS OF RICE.

- 980. बोरो boro is a poor kind of rice sown in Āsin (September-October) or Kātik (October-November) in the mud on the banks of streams and lakes. It is transplanted several times in Pūs and Māgh (December, January, and February). अनेरा lamera or (in South-East Tirhut) कर jhar or in (Sāran) आरज jhāran is rice which has fallen from the sheaves when reaping, taken root, and grown next year.
- 981. Rice-lands.—Land which has been under a rice-crop is धन-इर dhanhar, धन-खेत dhankhet, or धन-खेती dhankheti. It is also धन-खर dhankhar in Shahabad, धन-खियारा dhankiyāra in Gaya, and धन-इर dhanha in Patna. Fresh waste land ploughed up for rice sowing is खिल्लार khilmār; also नवाद खेत nawād khet north of the Ganges, and नौकीख naukhil in Gaya. In the south-east it is खिल्लाक khilkat or खिल्लाही khilkatti. To dig it in order to make it fit for sowing is खील कोड्य khil korab or खेल तोड्य khīl torab. The preparation of a rice-field is कारो (or बर्जा) कर्य kādo (or kadwa) karab; also खेल कर्य leo karab in

Sāran, and ससाद करव masāh karab in Champāran. A man who cultivates rice is वनन्दा dhanha to the west.

982. Seedlings.—A nursery for rice seedlings is बिदार birār or बियार biyār. In South-West Shahabad it is बेगा benga. The seed is बीदन bihan, बिद्याद bihnāī, or बीया biya, and the same words are also used for the seedlings of any crop; but the seedlings of rice are specially called कोरी mori south of the Ganges and to the west. They are also called कर्द jaraī in Champāran. The bundles of rice seedlings ready for transplanting are चाँटी ānti or चेटिया antiya north of the Ganges and in the south-east, and the quantity transplanted at one place is everywhere except to the south-east बान bān. Seedlings of बोरो boro rice which have been transplanted once and are again transplanted are called in North-East Tirhut चाद khāru or चवदान kharuhān. For fuller information concerning seedlings and transplanting, see 855 and ff.

CHAPTER V.—INDIAN CORN OR MAIZE.

- 983. Indian corn or maize (sea mays) is सकर maka; or सकेश makaiya. It is also called जनेरा janera in the west and जिनोरा jinora in Patna, which names ought properly to be applied to the large millet (holcus sorghum). The stalks are दश dhattha to the west and उटरा thathera to the north generally. In South Bhagalpur they are उटरो thathero, and elsewhere डॉट dānt or डॉटो dānti. The broken stalk is डिएर lather in the North-West and West Tirhut, and नियास nighās or नियस nighēsa in East Tirhut. No special name for this has been noted south of the Ganges.
- 984. When the grains begin to form, but are not yet fit for eating, the ear is called पद्या sancha. The unripe ear is द्वा duddha to the west generally, and also दोषा dodha in Shahabad. Other names are विद्या khichcha or पत्र aju in Tirhut, दुष्णचेष्ट dudhghottu in Gaya, द्वा मनदे duddha makaī in Sāran and Patna, दुष्णचेशो dudhbhoro in South Bhagalpur, and देवन्यमन्दा danthamra in South Munger. When ripe it is सुद्रा bhutta or बाज bāl. When the seeds are ripe and hard, and not fit for eating, it is called प्रकाराइन pakthāul. The roasted ear is क्रा horha generally, and also पार्चा orha to the east. The empty cob after the grain is beaten out is चेद्रा lenrha generally; also नेद्रा nerha in East Tirhut and चेद्री lenruri in Shahabad. In Patna and South-East Tirhut an optional name is बद्री baluri, and South-East

Tirhut and South Munger and balri. In South-West Shahabad the word used is खड़्ड़ी khukhuri or चौंबन्दी khonkhri, and in South Bhagalpur रही haddi. The grain beaten out is गोटा gota or गोट got. An ear with no grain in it is called भोराइ bhorāh or भोरव्हा bhorha north of the Ganges. When it contains only a few grains it is called पद्मोडिया pachgotiya. The hair on the ear is सूचा bhūa to the west; also and ghūa in South-West Shahabad. In Champaran and Gaya it is called चन san. In Patna it is सोंक monchh; in South Munger, सोदा mochha; in Tirhut and South Bhagalpur, सीच moch or सीचा mocha. It is also called केसी kesi. The sheath of the cob is खोद्या khoïya to the west, and बख-खोद्या balkhoiya or बोक-सा bokla generally. In Champaran another name is खलन्चोदया khalchonya, and in South-West Tirhut बलाको balko or कोसा kosa. In East Tirhut it is बाँदेंचा khoincha, in South Munger पतीरा pataura, and in South Bhagalpur पोची pocho. The male ear is called धन-नास dhanbāl or धनुष्दा dhanahra.

CHAPTER VI.—THE LARGE MILLET.

985. Large millet (holcus sorghum or sorghum vulgare) जनेर janer or सनेरा janera generally. A variety of it is called मस्तिया जनेर masuriya janer to the west to distinguish it from maize (zea mays, see last chapter). So also it is called बन्धिया जनेरा nanhiya janera in East Munger. Local names are गंडमा gehuma and जोन्हरी jonhri in Saran, बिनोरा jinora in Patna and Gaya, and गडमा gahuma in South Bhagalpur. Amongst its varieties may be mentioned a large red kind grown in Shahabad, called जाँचरी jondhri. This is called चित्रचा गद्धमा sisua gahuma in South Bhagalpur. A similar red kind is called Tares raksa or Taksi. This millet is little grown south of the Ganges. The only other kind noted there is a bajra, which is described as a dwarf white variety (see however § 987). North of the Ganges दिशा dudhiya, or (in South Tirhut) चर-कटिया larkatiya or नर-कटिया narkatiya. is a dwarf white variety. The following also occur north of the Ganges: - अवस्था jhalariya, of which the head bends down, and which ripens late. चेडी jethi in the north-west is a kind sown for fodder. A kind with two grains in one husk is called is at genhuan.

986. The stalks cut up for fodder are est dhather or est dhatha to the west, and est thather or est thather a to the east. When the

young plant first germinates it is बंद्वा ankura, and the young plant is दिशो dibbhi or दीनी dibhi. The ears are बाज bāl, or in East Tirhut optionally सीस sīs. The large stack of the stalks cut up for fodder is गाँज gānj to the west and टाज tāl to the east. Local names are बन्हार khamhār or कॉड kānr in South-East Tirhut.

CHAPTER VII.—THE SMALL BULRUSH MILLET.

987. This millet (holcus spicatus or pencillaria spicata) is asset bajra in Saran. South of the Ganges it is sometimes incorrectly called मस्रिया जनेर (or in Patna जिनोरा) masuriya janer (or in Patna jinora), which is properly a different grain, a variety of the large millet (holcus sorghum; see § 986). In South West Shahabad it is जीं धरिया jondhariya, and in South Bhagalpur गडमा gahuma. large millet is grown principally north of the Ganges, so this millet is grown almost entirely south of it. Hence there is great confusion in their names. The following terms relate exclusively to South Bihār:—The stalk is siz dant or siz danti everywhere; also si dhattha in Shahabad and डडेरो thathero in South Bhagalpur. The first shoots of the plant are चेंद्रुवा ankhua or स्वा sūa; also टिनिया tibhiya in South Munger and star suiya in South Bhagalpur. To throw out shoots is बेंड्रचाप्रव ankhuāëb or सुचाप्रव suāëb. When the ear begins to show itself the phrase used is जलन्दात वा lalhāt ba in Shahabad. रेंडा भेज है renra bhel hai in Gaya, जह-जहा रहल है lahlaha rahal hai in Patna, चढ़ा गेल ara gel in South Munger, and seeses halhalāichai in South Bhagalpur. When the heads are blighted and grainless, they are gut thuntha in South-West Shahabad, and banjhar in the rest of that district and in West Tirhut, ate banr in Gaya, ger thuttha in Patna, and मुड़िया The fluffy flowers are after ghompa in muriya in the south-east. South-West Shahabad, जावा jāwa in South Munger, and फल-को phulko in South Bhagalpur.

CHAPTER VIII.—THE SMALL MILLETS.

988. These are-

(1) Panicum Italicum.—This is ट्रंगुनी tanguni to the south-west and in Sāran, and टाँगुन tāngun in Sāran and Gaya. Elsewhere it is कीनी kauni, or in South Munger optionally काउन kāün.

- 989. (2) Panicum mileaceum.— चाँवाँ sāñwāñ or चावाँ sāwāñ. In Tirhut it is also चाना sāma, and in South Bhagalpur चना sama.
- 990. (3) Eleusine coracana.—This is the most important of all the millets, forming the staple food of a large portion of the population. It is महचा marua or महचा manrua. The empty dry ears after the grain has been taken out are डाँटी danti north of the Ganges; also कट्या katua in North-East Tirhut, मोड़ी morhi in South-East Tirhut, and and putti in South-West Tirhut. In South-West Shahabad they are खोलन्दी kholri, and in the rest of that district भूसी bhūsi In Patna and Gaya they are सुचा bhūsa or खला-कोर्या khalkoiya, and in the south-east they are ससा bhussa. The stalks are नेरचा nerua or जेदबा lerva to the west, and खाद lar to the northeast. Another word current to the north-west is हड़ा dhattha. In Patna they are नार nār, in Gaya बारा nāra, and in the south-east जन्मा larua or नन्मा narua. In Gaya and the west sts danth or sts dant or बाँही danti is also used. The green ears roasted for food are जमी ummi or जमी umi to the west and in Tirhut, and जनी uni in Champaran. When cut somewhat riper, but not quite ripe, and then roasted, they are sites horha generally, and sitter orha in Tirhut and to the east. They are optionally the total in Champaran and South Munger. In Shahabad they are Tigy habus, and south of the Ganges generally चुँचन्नी ghunghni or बुचन्नी This being an important food-crop, there are many popular sayings concerning it. The following may be quoted:-

जब सहुषा चा के गाकी भल । विया पुता सुख सुख माकी भेल ॥ जब महुषा में बाल भेल ॥ विया पुता के गाल भेल ॥

Jab marua a ke gāchhi bhel, Dhiya puta sukh sukh māchhi bhel. Jab marua meñ bāl bhel, Dhiya puta ke gāl bhel. PULSES. 227

—When the marua began to sprout, the children dried up like flies (i.e., their food had been used for seed-grain); but when the marua came in the ear, the children got (fat) cheeks.

मङ्खा भीन चीन सङ्घ दही। कोदो के भात दूध सङ्घ सही॥

Marua mīn, chīn sang dahi, Kodo ke bhāt dūdh sang sahi.

-Marua should be taken with fish, chīna with tyre, and milk with kodo.

कोदो मङ्चा चन नहिं। जोखन्दा धुनिया जन नहिं॥

Kodo marua an nahiñ, Jolha Dhuniya jan nahiñ.

- -Kodo and marua are not really food-grains, (i.e. they are despised as poor men's food), just as weavers and cotton-carders can never be cultivators.
- 991. (4) Panicum frumentosum.—This is विद्या chinna or चीना chīna, local variants being चीन chīn in East Tirhut and चीन chīnh in South-West Shahabad. It is of two kinds in Sāran,—गौरिया gauriya and रकन्मा raksa. The grains when boiled and then parched are called साहा mārha or साँहा mānrha, or in East Tirhut साइ mār.
- 992. (5) Paspalum frumentaceum—This is कोदो kodo. In Shahabad a smaller variety is called कोदर kodai.
- 993. Miscellaneous.— सकरा makra (eleusine ægyptica), a kind of grass of which the seeds are eaten. In the North-Western Provinces this name is applied to eleusine coracana, but not in Bihār.

CHAPTER IX.—PULSES.

- 994. Among the pulses are-
 - (1) Cytisus Indicus or cajanus.—This is the rahar or the rahar.

 In North-East Tirhut it is also called the rahar, that rahar. The dry stalks are that rahar.

north of the Ganges, or ters rahath or tres rahath in East Tirhut. South of the Ganges we have star haretha or ttar raretha (also used in Tirhut) in South-West Shahabad, रहारेंडा : ahretha in the rest of that district, रहारेंडा rahraitha in Patna and Gaya, जुड़ारेंडा lahratha in South Munger, and बरेडो laretho in South Bhagalpur. The pods are देही dhenrhi generally, and इसी chhemi also north of the Ganges and in Shahabad. To the East they are also कीमंदि chimari or क्सिन्दी chhimri. In Gaya they are also बीसी chhimi, in Patna दिखी dindi, and in South Munger होंडी dinri. The stalks used for fodder are अस bhus or सूचा bhūsa; also कहचा katua in Patna and कहचो katuo in the south-east. This and other pulses when sprouting are known as डिक्की dibbhi or डीभी dibhi, except in the north-east, where they are जाक gāehh. Bread made from this pulse, gram (ৰ্ভ bunt), and phaseolus mungo (মুদ্ধ muna), is called जिही litti or रोटी roti north of the Ganges (both these words being general terms for bread made from any grain), असन्दा bhabhra in Patna and Gava. and चितावा chitāwa in South Munger. बरी bari is a kind of round cake or fritters made similarly.

- 995. (2) Phaseolus mungo.—This is सङ्ग mung or सूँग mūng. In North-East Tirhut it is also called संदा सूँग mañha mūng. The pods are called the same as those of cytisus cajanus (रवर rahar). The stalks used for fodder are सांगरा jhengra in Sāran, Gaya, and South-West Tirhut, सार jhār in Champāran and North-West Tirhut, साँउ dānth in North-East Tirhut, and नाइ gāchh, समादी jhamri, or साँग jhāng in South-East Tirhut. South of the Ganges they are भूच bhūs or भूचा bhūsa; also कहुचा katua in Patna and कहुचा kutuo in the south-east.
- 996. (3) Phaseolus roxburghii or phaseolus radiatus.—This is चरिंद्र
 urid or (south of the Ganges optionally) चरादी urdi.
 In East Tirhut it is also called कचाद kalān, कराद karāi,
 or साम कचाद mās kalān. There are several kinds, e.g.,
 चोना doma (East Tirhut), which bears in Pās and
 Māgh (January); चरादी larhi (Sāran and South West
 Tirhut), नराइ narhu, नराहो narho, चराहो larho or चमानी
 asni (Tirhut), or चमारहाया aghanua (Sāran, Cham-

pāran), which bears in Aghan (November-December); संपन्नी tepakhi (Sāran and South-West Tirhut) or कतिका katika (elsewhere north of the Ganges), which bears in Kātika (October-November); and महन्त्री bhadwi (South Munger), which bears in Bhādoñ (August-September). Another division is into black and green varieties. The black varieties are हक्षा danga (North-East Tirhut), कारो kāri, करिया kariya (Shahabad and the southeast), काला kāla in Gaya, and रियाह siyāh in Patna. The green kinds are तुन्तनुकी tulbulli in North-East Tirhut, हरियह hariar in Shahabad, हरूरा harra in Gaya, and सवन्त्री sabji in Patna. The pods are हेंद्री dhenrhi, केसी chhemi, &c., as above.

- 997. (4) Phaseolus aconitifolius.—This has only been noted south of the Ganges. It is generally called मोच moth. A smaller variety is मोची mothi. The stalks used for fodder are भूस bhūs, कहना katua, &c., as above.
- 998. (5) Errum hirsutum (one variety) or cicer (or vicia) lens (another variety).—This is मस्र masūr or मस्री masuri.
- 999. (6) Miscellaneous.—कुरन्थी kurthi (dolichos biflorus), खेरारी khesāri (lathyrus satica),* सेंट bhent or सेंट-वॉप bhent-wāns, खेत साप khet mās or खेत साप्त khet māsu (North-East Tirhut), which is apparently a variety of phaseolus radiatus, भिरंगी bhurngi (a kind of wild pulse eaten by the poor), and (Shahabad) खतरी latri.

तुर्क तारी, बैस खेसारी, बासन श्रास, कायथ कास.

Turuk tāri, bail khesāri, Bāman ām, Kāyath kām.

^{*} It is unwholesome for human beings, but bullocks eat it greedily, e.g., in the saying—

[—]Toddy is necessary for a Musalman's happiness, *khesari* for a bullock's, mangos for a Brahman's, and employment for a Kayasth's.

CHAPTER X.—PEAS.

- 1000. Peas (pisum sativum) are of various kinds. The large variety is सहर matar, or in South-West Shahabad सखर mantar. A smaller variety is कराव kerāo. This is often sown with barley, when the mixed crop is known as जो कराइ jau kerāi, &c., see § 959. The principal varieties are कविजो kabili (north of the Ganges) or कवन्छी kabli (south of it), which is a large white kind. It is also called विवन्छी ghebli in South-East Tirhut. North of the Ganges सगवा sugwa is a small green variety. Another kind is known as बजारी bajri in Champāran. बढ़री baturi in Shahabad, and कुचरी kusahi in Patna, Gaya, and the south-east, is a small black variety. In South Bhagalpur it is called भिटागरा bhithgara. Another variety is इवर्ण्डिया dabliya in South-West Shahabad, दब्ज कराव dabal kerāo in the rest of that district, and दांवन्छी dhābli in Patna.
 - 1001. When the plant first appears above ground, it is called दिन्नी dibbhi north of the Ganges and in Shahabad, but in the south-west of the latter district it is sivil dabhi. In North-East Tirhut it is also called बाकी aāchhi. In Gaya and Tirhut it is जैकरा ankura, in Patna and Tirhut चंडचा ankhua, in South Munger कनन्सी kansi, and in South Bhagalpur nex gajur. When the pod appears, the phrase is to the north of the Ganges परा जागत वा pata lāgat ba, or a similar phrase. In South-East Tirbut they say that the plant is using patāel or users patra. In Shahabad they say it is जहन्दाप्र gadrāel; in Gava and South-West. Shahabad they say देंदी बागल है (or बा) dhenrhi lagal hai (or ba); and in Patna विषयी खागल है dindi lagal hai. The pod when fully formed is ढेंदी dhenrhi, कीमी chhimi, केमी chhemi, or किमाडी chhimri to the north, and दिखी dindi to the south. In South Bhagalpur it is देही dhenri. The unripe pods are नाइ gād or नाइ। gāda, and when used to make a pottage they are called asset bathar in South-West Shahabad. The young shoots are also used for pottage. These are called north of the Ganges चाग sag or भाजी bhāji, the latter principally to the west. When cooked to a soup it is called yes pareh. and in Patna and Gaya कोर jhor. In South Munger they are चन्दा chanda, and in South Bhagalpur मटन्दो चान matro sag. The young shoots cooked with pulse are called दलगैता dalpainta in South-West Shahabad, and द्वन्यमा dalsagga in Patna, Gaya, Sāran, and the south-east.

CHAPTER XI.-GRAM.

- 1002. Gram (cicer arietinum) is बूँट bunt generally. It is also called चना chana in Sāran, बेट्राम bedām in East Tirhut, and रिस्ता rahila* to the west.
- 1003. नोनी noni or खटाइ khatāi is the oxalic acid and acetic acid which form on the leaves. In Shahabad पीयर pīyar is a kind of which the grain is yellow pointed, and बूँटी būnti, or in Patna पनी chani, is a smaller variety. Another small variety is बहुरी baturi in Shahabad.
- 1004. The young shoot as it first appears above ground is said to be सर्पार्थ suïāïl. In East Tirhut they say of it सर्पार्थ suïāïl. In East Tirhut they say of it सर्पार्थ suïā phenkalkaik. The shoot is called दाम dābh in South-West Shahabad, and दिशो dibbhi in the rest of that district. In South Munger it is दिशो tibbhi, and in South Bhagalpur महार gajur or स्था sūa. The young leaves used as pot-herbs are known as साम sāg or सामी bhājī, the latter principally in the west. The pod is देही dhenrhi generally, also होमी chhīmi north of the Ganges. Another name is होमाई chhīmari or दिसाई chhīmri in East Tirhut. In Patna it is दिशो dindi, and so also in South Munger. In South Bhagalpur it is देही dhenri, and in South-East Tirhut optionally होंदी diñri. The unripe pods are क्यारा kachra, and elsewhere क्यारा kachri. When the gram appears in the pod, the verb used is महत्राप्य gadrāëb. The plant is then called in South-West Shahabad पराची pathi, and in the rest of that district पराची chatkoha. In Gaya the phrase is चिद्रा साम है chitura lāgal hai,

प्रश्चित के पूरि कदौरी प्रश्चित के दात । प्रश्चित के केती स्विरवरा, बहुत कोटेबेंगाल !!

Ehi rahila ke püri kachauri, Ehi rahıla ke däl ; Ehi rahila ke kailiñ khirawara, Bahut motailen gäl.

^{*} E.g. in the song-

[—]I made this gram into *pūri* (thin bread fried in clarified butter) and cakes into pottage *khirawara* (cakes of rice-flour prepared in hot water), and my cheeks got very fat.

and in Patna चंडा धरिष है chatta dharis hai. The husk of the gram is बलुखा balukha in South-East Tirhut; elsewhere it is सुसा bhussa, सूँचा bhūnsa, or सूचा bhūsa. Gram injured by rain is सराइच marānl, in Sāran गडच galal. In Tirhut it is साइच गेंच māral gel. South of the Ganges it is पतःचाम् patlaggu or पतःचगुचा patlagua, except in South-West Shahabad, where it is चकाडा uktha, in South Munger दियाणच dahiyāël, and in South Bhagalpur दिश्याच dagiyāl.

CHAPTER XII.-SUGAR-CANE.

1005. Sugar-cane (saccharum officinarum) is known generally as जब ग्रेंश or जब ग्रेंश. In Tirhut, Patna, Gaya, and South-East Bihar a more general name is केतारी ketāri. In North-East Tirhut it is also known as कुसियार khusiyār. Among the varieties are—

द्वसिद्धार kusihār (south of Ganges), a dwarf hard variety.

केतार (Gaya and the south-east), केतारा ketāra (Patna), केवाखी kewāli (Sāran), केवाखी kewāli (Shahabad), रौंदा raunda (South Munger), a tall thin variety. Ripens in Kātık (October-November).

नेवाची kewāhi,—see नेतार ketār.

चिनिया chiniya or चिनियाँ chiniyān, which is a soft, large, whitish cane. Good for eating in Phāgun or Chait (March). It is called पन-चारी pansāri in Gaya and Shahabad, पन-चारी pansāhi in Sāran, and also पन-चारी panchhāhi or पंचित्रा pansahiya in the south-west of that district and in West Tirhut. In South Bhagalpur it is called पौरी paunri.

नरगोरी nargori (North Bihār),—see नरींखी baraunkhi.

पश्चिरारी pachhiyāri,—see पौँड्रा ponrha.

पनन्यादी panchhāhi, पनन्यादी pansāri, पनन्यादी pansāhi,—see चिनिया chiniya.

पोंड़ा ponrha (west), पोंड़ा ponra (Patna and Gaya), पिंड्यारी pachhiyāri (South Bhagalpur), a tall, stout, juicy variety. पोंडी paunri.—see चित्रिया chiniva.

बरींडी baraunkhi (Sāran), बर जब bar ūkh (South-West Tirhut), or बर्च्योरी nargori (North Bihār generally). This is thin, with a reddish bark. The juice is sweet and thick.

सर न्द्री bhurli (North-West Bihār and West Tirhut), a very thick short cane, full of juice. Fit for eating in Baisākh (April-May). सन्त्रो mango,—a small, hard, red cane.

रॅवन्ड़ा renura (North-West Eihār and South-West Shahabad) or सकरन्योंनी sakarchīni (Patna and Gaya),—a yellowish kind, not good for eating.

रौँदा raunda,—see नेतार ketār.

खलगों ड्री lalgonri,—a tall, red variety.

सकर चीनी sakarchīni,—see रॅवन्ड्रा renura.

सादी sāhi (South-West Tirbut),—a dwarf variety.

दश्रनी hathuni (Sāran and West Tirhut),—a moderately thick variety.

1006. A cane-field is to the west उड़ाँव ukhāñw or उड़ारी ukhāri. Elsewhere it is simply जब (or केतारी) के खेत ūkh (or ketāri) ke khet. Sugarcane land requires careful cultivation, or, as the saying runs, तीन पटावन, तेरह को डन tin patāwan, terah koran,—three waterings. thirteen hoeings. Land prepared for sugar-cane is जखाँन ukhānw in North-West Bihār. When the land is left fallow the autumn preceding the planting, the plant is called the porha in the North-West and in South-West Tirhut, and सँगार sungār in North-West Tirhut. When an autumn crop is taken the season before planting the cane, the system is known as जरी jari to the west, or in Saran नारी nāri. In North-West Tirhut it is called that dotura. South of the Ganges it is generally called चौनास chaumās. When cane is cultivated without irrigation, a layer of leaves, grass. &c., is thrown over the seed and acts as a sort of hotbed. This system is known as खदियाचोच khadiyāöl to the west and in South-West Tirhut, and गोचा पराप्रव goa patāëb in North-West Tirbut. To the west two ploughs are used in cane-planting. The first is simply called Et har or पिंच्या वाला Et pahiya wāla har; the second is called कान्ही के इर kānhi ke har in Sāran and मठौनी bhathauni in Champaran. The second plough has a bundle of grass tied round it, called कान्ही kānhi or काँनी kānni, to widen the furrow. The furrow is everywhere चिरावर sirāür, also रेड reh in North-East Tirhut. South of the Ganges a second plough is not used. In Azamghar the furrow is filled up by ploughing a second furrow alongside it, but in Bihār this is usually done by hand.

1007. The first watering of the cane is गणा दार ganda dhar in Gaya and South-West Shahabad; in the rest of Shahabad it is देवन्द्रा

chhenuka. In Patna it is पननगडा panganda, and in South Bhagalpur चॅबन्री पटावन andhri patāwan. Elsewhere it is simply परिंछ पटावन pahil patāwan. The second watering is कोड़ा kora in Patna. Elsewhere it is दोचर पटावन or (पानी) dosar patāwan (or pāni), with a variant दोसन्रो पटावन dosro patāwan in South Bhagalpur. The third watering is चांचन्री ākhri in Patna; elsewhere, तेसर (or नॅसन्रो in South Bhagalpur) पटावन (or पानी) tesar (or tesro) patāwan (or pāni).

1008. Cane sprouting from the roots left since the previous season is known as खँटी khūnti north of the Ganges, and also खुँटिया khuntiya in North-East Tirhut. When sprung from fresh seed it is known as बावग bāwag, or (optionally) in Tirhut Trop. Cane sown after the autumn crop is cut is known as जरिया के जख jariya ke ükh to the west, and also नारी ने जब nāri ke ūkh in Sāran. In South-West Tirhut it is दोतुरा के जब dotura ke ūkh. Elsewhere it is known as चीमिचा chaumasiya. Cane cut up for seed is known as गँड़ा genra or गँड़ी genri to the west, and टोना tona or टोनी toni to the east. गुमी gulli is also used in Shahabad. In Patna it is also called पाँचन्द्रा ponhra, and in South Bhagalpur ৰীৰৰ bihan. When only the top of the cane (which sprouts quicker than the rest) is cut up for seed, the pieces are called जॅनर anger in Saran, चॅगेरा angenra in Gaya, चगारी agāri in Patna, चमरा agra in South Munger, and THI āga in South Bhagalpur. North of the Ganges they are called a faut badhiya or (in North-West Tirhut) जनकी phungi. The hole in which the cane slips are kept before planting is बाद khād in Sāran, बाता khāta in Champāran, नाइन gāra in Shahabad, मेंडन्सार ganrsar in Gaya, बलन्सार balsar in Patna, and टोनन्साद tonkhad or zimester tonkhāwa in the south-east.

1009. The sprouting eyes of the cane are আজি ānkhi or আভ ānkh in Gaya and to the west generally; so also in South Munger. In North Tirhut they are अधिया ankhiya, and in South-West Shahabad अवन्य ankhwa. In Patna and East Tirhut they are अधिया ankhwa, and in South Bhagalpur अधियाय ankhiyāy. When just sprouted, the cane is called प्राकृ puāri in Champāran, पौरी pauri in South-West Tirhut, and गोभी gcbhi elsewhere north of the Ganges. In Shahabad it is called पोइ poi, in Gaya it is said to be अक्राप्य ankhuāël, in Patna अध्यापन ankhuāël, and in Sāran हुइचापन suiyāel. In South Munger it is दिशी tibbhi, and in South Bhagalpur दिशी diphi. The earth is hoed (कोइन koral) once after the cane has sprouted. This is called प्रारो के जोत puāri ke jot in Champāran, and चन्निया anhariya in North-East Tirhut. Elsewhere it has no special name. The chief

hoeing is done in Akhārh (June-July), and is called अखाड़ी कोइन akhārhi koran or अदन्त के कोइन्नी adra ke korni. To the west it is called अधाड़ी कोइ asārhi kor, and in Gaya it is पाचा pāsa.

- 1010. The root is जड़ or जर jar to the north-east, and सूड murh elsewhere north of the Ganges. In Shahabad it is जड़ खर jar khar, in Gaya and South Bhagalpur खूँटी khunti or खुँटिशा khuntiva, and in Patna and South Munger जडी jari or जिल्ला When the sprouts are two or three feet high, they are called zizi tonta in Patna. Elsewhere they have no special name: the plant is simply described as भर ठेडना bhar thehuna, or in some similar way. The knots on the cane are the por, and (in Shahabad) the poi. They are also called fire or fire gireh. When these become visible. the plant is called पोराना porana in Champaran, Patna, Gaya, and the east generally. In West Tirhut they are ग्रिहाना girhāna, and in South-East Tirbut पोर कोरना por chhorna. In Shahabad they are called That denrauka. When the plant is ready for cutting, it is called चगरनम् agarbandhu in Patna and चॅंगेरन्नम् angerbandhu in Gaya. In the south-east it is size danr. Elsewhere it has no special name. A sprout of cane is will ankh north of the Ganges and in Shahabad and Gaya. In North Tirhut it is अविद्या ankhiya, in Patna अवुद्धा ankhua. in South Munger कन-सी kansi, and in South Bhagalpur गॉक्ती gonjhi. The leaves at the top and the upper part of the cane are wife agenr in the west, and is genr in the south-west of Shahabad. In Patna and Gaya they are चॅमेरी angeri, and also चमना agra in the latter district. In Tirhut they are unit pagar, in East Tirhut and chhip, and in the south-east पगन्दा pagra. The dry leaves at the top are पतन patain in Saran and South-East Tirbut, पतन्दर pathar in Champaran and North-West Tirhut, variet patto in South-West Tirhut, and variet patras in North-East Tirhut. In Shahabad they are vat patai, in Gava पतौरा pataura, in Patna पतन्त्र pathul, in South Munger पतौरा pataura or पतन्होस pathol, and in South Bhagalpur पसन्होर pathor. Shoots coming from the knots are कनगोजर kangojar or कनोजर kanojar in South-East Tirbut.
- 1011. A branch springing from the bottom and injuring the plant is रॉक donj in Sāran and South-West Tirhut, पर्वा pachhkhi in Champāran, फुटन्त phutna in North-West Tirhut, and मोसी gobhi in East Tirhut. In South-West Shahabad it is कान्सी kankhi, and in the rest of that district गॅन्सा ganukha. In Patna and Gaya it is कॉका jonka, and in the south-east पगुद्दी paguri. In South Bhagalpur

it is also पडँच pahunch or पोरानीनो pornowo. When a plant is attacked by insects, which are called in Sāran and Champāran चीना sāna or राज़ा tāra, it is called north of the Ganges कनारन kanāil or राज़ज ratral, or (in Tirhut) कनार kanāh. The latter name is also current in South-West Shahabad, and variants are कनारा kanāha in South Munger, कानो kāno in South Bhagalpur, and काना kāna in Patna. In Gaya it is called रागण्ड ratāēl, and another term in use in Patna is रगण्ड rasāēl. North of the Ganges a plant is called गुड़ियारी मारज murvyāri māral when the top withers and fresh sprouts (देनी teni in Sāran and रोजी donji in Tirhut) come out from underneath.

- 1012. The green top cut for fodder is चाँड़ agenr or चाँच anger in Sāran, गेंड़ genr in Champāran and Shahabad, चाँची angeri in Patna and Gaya, and also चाँचा agra in the latter district, and चाँड़ agār in South Munger. In Tirhut it is पगर pagār, and in South Bhagalpur पगःड़ा pagra. The piece between two knots cut for eating is पोर por. The piece of cane chewed at one time is प्रशा gulla, or (in Shahabad) optionally प्रश्नी gulli, and the refuse thrown out of the mouth चोड्या khoiya north of the Ganges. South of the Ganges it is generally चोड़िया khohiya or चेंप्रशा chepua, local names being चिड़ी sitthi in Shahabad and South Munger, (also used in West Tirhut) and चेंपा chopa in South Bhagalpur. For the pieces of cane cut for the sugar-mill, see § 288.
- 1013. A bundle of canes is पाँडा pānja. A large bundle is बोका bojha, which is as much as can be carried by a man.
- 1014. Among the preparations of the sugar-cane may be mentioned रा ras, or कार्य kachras, and in South Bhagalpur करो रा kancho ras, which is the juice of the cane. When boiled down and undrained, it is राव rāb or (in Patna and Gaya) रावा rāwa. When boiled down for a longer time, it becomes ग्रुर gur or ग्रुर gūr (often spelt गुड़, गूड़). When made up in smallish balls it is called मेडी bheli. Other names are निवाद mithāi, and, when made round and flat, बाबी chāki and बाबी chākri in Sāran, and बाबी chākki in Patna and Gaya. The raw sugar which remains in the bag after pressing the rāb is called बाद sakkar, or in Patna, Gaya, and the south-east बाद sankar. When dried, it is called बाद khānr or बात bhurra or बात bhūra, i.e. brown sugar. The molasses, or juice which runs out of the bag when the rāb is pressed, is called बाद chhoa, or in South-West Shahabad बिदा sira. विस्ती misri is sugar-candy or loaf-sugar, and विद्यो chinni or चीनी chini is refined brown sugar (कार sakkar or बात bhūra). The molasses (कोचा chhoa) above

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mentioned is used in tobacco manufacture, and is then called नगार tagār in Gaya, गरिया gariya in Patna, and फाँच phānk in South Bhagalpur.

1015. In a sugar-refinery रच ras (or in the north-west सरवन sarbat) is the raw sugar dissolved in water. मेख mail is the scum taken off the boiling-pans. To the south-east this is मेखा maila, and in North-West Tirhut and Shahabad मिस्या mahiya. The boiled juice is चौरा sīra, and the clear filtered juice राम ने रम rās ke ras. To the north-west the juice after the first filtering is रोमा doma, and after the second डोपारी thopāri. When the scum is mixed with water and again boiled, it is called प्रावा pasāwa.

CHAPTER XIII.—COTTON.

- 1016. The cotton-tree (gossypium herbaceum) is known everywhere except to the south-west as बङ्गा banga or बाँगा banga, with a local variant बाँगी bāngo in South Bhagalpur. To the west it is called क्षपास kapās, which properly means the cotton in the pod. Most kinds of cotton ripen about Baisākh (April-May). Amongst the varieties may be noted मोगिला bhogila (north of the Ganges), a good kind with large pods, and of medium height; भोचन्दी bhochri (north of Ganges), a small variety, of which the cotton is apt to get blown out of the pod by the wind. फंटन्वास phetuāl is a kind grown in North-West Tirhut, and गाजर gājar is one grown close to the house in the Titl bari, and not in the fields, in North-East Tirhut and Shahabad; रहिया rarhiya (Patna, Gaya, and the southwest), a dwarf variety; बहेंसा baraisa (Patna and Gaya), a large variety; खरना larma (Saran), नरना narma and देवन्ती henwti (Shahabad), a dwarf variety. Other kinds grown in Shahabad are bañrchha or वेंडुका bañruchha, and कनन्वाँ manuan, and in Munger we find गोचा gola and उपाद suphed. Tirhut is famous for a special kind of cotton which ripens in Bhadon (August-September), called कोकडी kokti or भद्देश bhadaiya, which is of a red colour, and of which thread and cloth of extreme fineness are made. A dress of kokti cloth lasts a life-time.
- 1017. The uncleaned cotton in the pod is कपास kapās, also बाँगा bānga in East Tirhut, बाँगो bāngo in South Bhagalpur, and काँच क्या kānch rūa in South Munger. To clean the seeds from cotton is खोडन otab or खोडन ontab, and the operation is called

पोटन्नी otni or घोटाइ otāi in Sāran, and घोटाइ auntāi in South Bhagalpur. The last two words also mean the wages paid for cleaning. The cotton-pod is called इंद dhenrh to the north-west and इंदो dhenrhi in Tirhut and South Bhagalpur. In Shahabad it is डॉदो dhenrhi, in Gaya टेर ter, in Patna and South Munger डिप्डी dindi or डॉदो dinri. The cotton-seed is बनोर banaur to the west, बंगोर bangaur in Tirhut, बंगोरा bangaura in South Munger, and बंगारी bangaur in South Bhagalpur. In South-West Shahabad it is बंदोर bandaur. A cotton-picker is खोदाविदार lorhnihār (which means simply 'gatherer') in the north-west; elsewhere there is no special name. North of the Ganges he or she is paid by a share of the cotton picked. This is called पर pai in Sāran and South-West Tirhut, पोइ poi in South-East Tirhut, and बोदन boin in North-East Tirhut. In North-West Tirhut the share is a fourth of the crop, and is called चोडेबा chauthaiyu.

1018. The stages of growth in the plant are as follows:-

When the first leaf shows, it is called पतियाण्ड patiyāël north of the Ganges. In South-West Shahabad it is हुन्नी dubbhi, in the rest of that district हिन्नी dibbhi, and in Patna and Gaya कनियाण्ड kaniyāël.

The next stage is इोपितया dopatiya to the north-west, and also south of the Ganges generally. In Tirhut they say it is कपारी फोरख kapāri phoral. In Gaya it is पतिया patiya, in South Munger इोपत्ती dopatii, and in South Bhagalpur दुपतियो dupatiyo.

The third stage is चौपतिया chaupatiya or (to the north) चरन्पतिया charpatiya, and in South Bhagalpur चरन्पतियो charpatiyo.

The flower has no special name, and is simply called फूस phūl.
To flower is असाप्र phulāëb.

The pod bursting is कपाच फूटब kapās phūtab to the west, and in East Tirhut बाँगा फूटब bānga phūtab. In South Bhagalpur it is बाँगो फूटब bāngo phūtab, and in South Munger फोटा phota.

1019. Baw cotton is कपास kapās, or बाँगा bānga, बाँगो bango, &c., as above. In East Tirhut बाँग bāng is also used. To the west बाँगा bānga means cotton stalks. From रिंड्या rarhiya (raw cotton) about one-sixth clean cotton is obtained; from भोचन्दी bhochri and कोकन्टी kokti, about a quarter; from मोशिसा bhogila and चेंबन्ती henwti, about a third; and from केंद्रवास phetwāl, about two-fifths. भिकारा mijhra north of the Ganges is a mixture of भोचन्दी bhochri and भोगिसा bhogila.

1020. Cotton is the subject of many proverbs, as (for instance)

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bārah bigha bāng, kamar meñ doro na—(here's a fine miser) he has twelve bighas of cotton and can't afford a string for his waist.

CHAPTER XIV.-TOBACCO.

- 1021. Tobacco (nicotiana tobacum) is तमाकू tamāku or तमाकुच tamāku. It is little grown south of the Ganges except in South-Bhagalpur and South Munger. North of the Ganges there are three main classes:—
 - (1) देसी desi or (North-East Tirhut) बड़-की barki.
 - (2) विचापनी bilāëti or (in Champāran and North-West Tirhut) कच-कितया kalkatiya.
 - (3) ভারতা jethua, which is sown in Māgh (January-February) and cut in Jeth (May-June).

In East Bihār are found घमानुस dhamākul, a broad-leafed variety, and पनन्दिशा pandathiya and धॅगन्दीया khangrīwa, narrow-leaved varieties.

- 1022. In Shahabad मोरन्सन morhan are long leaves of the best kind, and केंच्या chheua the next quality.
 - 1023. When manufactured, there are three main kinds:-
 - (a) Chewing-tobacco.— खेनी khaini or सुरन्ती surti, or in Patna दोखन्ता dokhta. Some people call this कछ सुग के समित kal jug ke amrit, or the ambrosia of the kali age.
 - (b) Snuff, which is नास nas or नस nas.
 - (c) Smoking-tobacco.—This is called पौचान piani or पोनी pini generally. Among its kinds may be noticed काजा kāla (North-West and South-East Tirhut) or पज्जा pakua (Tirhut), which is the coarsest kind. कर्म kandai or स्थाना bhusna in South Bhagalpur, and गृंदी günri in South Munger, is broken tobacco. कर्मा karua or (in South Bhagalpur) कर्मो karua is a second-class strong kind. दोरसा dorassa, or in South Bhagalpur दोरसो dorasso, is a mixed tobacco of fair quality. Another similar kind is called ममास्वार masāldār or मस्कीमा mahkana. चनीरा khamīra is a scented kind mixed with spices, and सारा sāda is the plain kind in common use. मसुमा malua to the west is the usual kind sold in

shops, and दोकानी dokāni is the cheap kind used by the poor.

- 1024. The stalks are ਵਧੀ danti generally, with local variants ਵਾੱਟ dant in South Munger and डंटन्की dantki in South Bhagalpur. In East Tirhut they are also sis danth. The refuse broken leaves and stalks are मासा jhāla in the south-east, and in South-East Tirhut खरन्यान kharsān. When blisters come on the leaf when ripe, the verb used is चह्द charhab; also गुल-ठियाप्रव gulthiyāeb or चितियाप्रव chiliyāeb in Champāran. The blisters themselves are called चिन्नी chitti. seed-capsules are चूनी ghūni in Sāran, फर phar in Champāran, and first bichchi in Tirhut generally. The nipping or cutting off of the head is पता तर्व pata tūrab in Sāran and South-West Tirhut, कोपानी chhopni in South-East Tirhut, and काटब kātab or कटनी katni elsewhere. Sometimes shoots appear after doing this, and they are called होंजी donji. Other local names are पचाची pachkhi in Saran and Champaran, कनोजर kanojar in North-East Tirhut, कनेल kanail or काँखी kānkhi in South Tirhut, and कनई kanaī in the east generally The first crop is called साराज्य morhan. A second crop raised from the roots is दोँची donji, or in South Bhagalpur खुँटिया khuntıya. Tobacco seedlings are called ut at poa in South Bhagalpur.
- 1025. Tobacco is the subject of many proverbs and tales. An example of the former is—

चून तमाकु चान के, बिन माँगे जे है। सुरन्पुर नरन्पुर नागन्पुर, तीनू वस कर खे॥

Chūn tamāku sān ke bin mānge je de, Surpur narpur nāgpur, tīnu bas kar le.

—The man who mixes tobacco with lime (for chewing) and offers it without being asked, conquers (by his virtuous action) heaven, earth, and the lower regions.

1026. A folk-tale about tobacco runs that a villager who went to a distant village to visit his friends found them smoking in the morning before they had said prayers, whereupon he said—

भोर भए सतुस सभ जागे। इक्षा विख्न बाजन खागे॥

Bhor bhae, manus sabh jäge, Hukka chilam bājan läge.

-At daybreak the people awoke, and immediately the hukkas began to gurgle.

To which one of the smoking party replied-

खेनी खार नव तमाकू पीए। से नर बनावव कैसे कीए॥

Khaini khāe, na tamāku pīe, Se nar batāwa kaise jīe.

-Show me the man who can live without either chewing or smoking tobacco. This verse has passed into a proverb.

1027. Tobacco is often compared to the river Ganges, which has three streams,—one of which flows to heaven, another to hell, and the third to the world of mortals. So also tobacco has three branches, viz. snuff, which, by being smelt, goes upwards; smoking-tobacco, which, by being smoked, goes downwards; and chewing-tobacco, which goes neither up nor down.

CHAPTER XV .- OPIUM POPPY.

- 1028. Opium poppy (paparer somniferum) is पोष्नता posta or (in Patna) पोषत posat. The advances made to the cultivators are दादनी dādni. The average produce per bigha is चरन्दर परन्तर sardar partar or परन्ता parta north of the Ganges and in Gaya. In Shahabad it is साख māl, and in Patna पेदर paida. The rough measurement of the field is खडाबन्दी lathābandi in South-West Shahabad, and elsewhere south of the Ganges नाप nāp. North of the Ganges it is नापी nāpi.
- 1029. The poppy petals are पूज phūl, and the heads देही denrhi, or in Patna दिखी dindi. The cakes of poppy petals are फुल्लाचना phulpata in Champāran, फुल्लाचनी phulpatti in Sāran and Tirhut, and प्रसन्ध pattal in Patna. Elsewhere they are रोटी roti.
- 1030. The instrument used for piercing the capsule is नदरनी naharni, or in Tirhut optionally खदरनी laharni. In Patna and Gaya it is नर्ज्यो narhanni. To lance the capsule is पाइव pāchhab. The milky juice which exudes is दूष dūdh, and the opium yield is मास māl. The scraper used for collecting the coagulated opium off the pod is called चित्रचा situha or चित्रचा situa. In South-East Tirhut sometimes a bamboo scraper is used, called पोइन्ची pochhni. The gathering of opium is उदापन uthāeb generally. Local words are चाइन kāchhab to the north-west and in North-West Tirhut, and पोइन pochhab

also in North-West Tirhut. The person who lances the capsules is पहः निहार pachhnihār or (fem.) पहः निहारिन pachhnihārin, and he or she who collects the coagulated opium which has exuded from the capsule is उद्दोनिहार uthaunihār or उद्दोनिहारिन uthaunihārin. The grain of the prepared opium is दाना dāna, and its consistency सुखन्न sukhwan.

- 1031. The grains of opium-seed are হানা dāna. The shell is ভাইষা khoiya north of the Ganges, and ভাইষা khohiya in Gaya. In South-West Shahabad it is ভাইডাড়ী kholri, in the rest of that district and in South-East Bihar ৰাজভো bokla, and in Patna ৰক্তৰা bakula. In Gaya ভিত্তা chitura are poppy capsules which are empty and have not borne seeds. The oil-cake prepared from the seeds is ভিত্তা pinna or ভাইছাক.
- 1032. The refuse opium, consisting of the washing of the vessels, &c., is बोचन dhoan north of the Ganges and चोई dhoë south of it. In the south-east it is चोए dhoe. The refuse scraped from the vessels is खुरूचन khurchan, or (Gaya, South-West Shahabad, and South Munger) चलोदन khakhoran. The juice which drains off the fresh opium is परेचा pasewa. This is inspissated on rags, and the product is क्या kapha, of which काका kāpha in Shahabad and क्या kappha in Sāran and South Munger are local variants. The fluid opium used in pasting the leaves on the cakes is चेचा lewa in Patna, and the cakes themselves are चोटी goti.
- 1033. Preparations of opium.—सदक madak is made by boiling down and inspissating the juice (चरच arakh) of pure opium or कपा kapha. This inspissated juice is known as किसास kimām or (in Gaya) केसास kemām. With it are mixed cut-up betel or guava leaves, known as जास jāsu. The pipe used for smoking madak is known as सद्ध्य mahru or दिखा thariya or दिखा tharhiya, or to the south-east मेह meru. A small piece of madak, known as दौरा chhita, is ignited in the bowl of the pipe with a spill of charcoal, called कसस kalam or (in South Bhagalpur) कॅग-इन kangra, which is held by a small pair of tongs, called चिमान्डा chimta in the north-west and चूँडी chūnti south of the Ganges.
- 1034. चन्द्र chandu or चाँच chāndu is the distilled juice of pure opium, and is smoked in an earthen bowl called चिन्नम chilam to the north-west and द्वान dawāt south of the Ganges. This is attached to a stem called विवासी nigāli in Sāran, Patna, and Gaya, चरचा narcha in Champāran, and चर nar in North-West Tirhut. Another name is वस्त्र bambu or चाँच bāmbu, bamboo. It is stirred with an iron skewer, called चन्न thak.

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When it is desired to make the preparation extra strong, the sediment which accumulates in the stem of the pipe is added. This is called बर्बा anchi south of the Ganges generally, रची insi in South Munger, and रची inchi in South Bhagalpur. In Patna it is also called केंद्री kainti, and in Champāran केंद्री kaiti.

1035. पिनिक pinik is the drowsiness produced by opium intoxication, and चुसन्की chuski the quantity of opium water drunk at one time.

CHAPTER XVI.-HEMP.

1036. The hemp plant (cannabis sativa) is known as गाँजा gānja when cultivated in Rajshahai, and भाँग bhāng when wild elsewhere. The leaves are known as भाँग bhāng or भङ्ग bhang (generally), मनुजी sabuji (north-west), or मनुजा sabja (Patna and Gaya). A favourite way of taking the drug is in the form of a sweetmeat, called मजूम majūm or माजूम mājūm. चर्च charas is the resin which exudes from the flowers and leaves.

1037. The flat gānja is चपन्य chapta or चिपन्य chipta; also in Shahabad कन्ने kali. The round gānja is मोन्न gol, also गिर्निग्रिया girgitiya in South-West Shahabad, and also पमन्दी pamri in the rest of that district. Broken gānja is रोरा rora or चूर chūr, or (in Gaya and South Munger) रहे raī. In Shahabad बाजूचर bālūchar and चासर jāsar are two kinds of imported gānja. Gānja with stalks attached is called चादी dārhi in Shahabad. सेदिन medani or सेदिनी medni is a plant taken with gānja.

CHAPTER XVII.-INDIGO.

- 1038. Indigo (indigofera tinctoria) is ভীভ līl. The word নীভ nīl used by Europeans is a Westernism borrowed from Ūrdu-knowing subordinates.
- 1039. Indigo sown before the rains and irrigated by artificial means is called परोचा pataua. The first cutting is सोरन्सन morhan. The second cutting is खूँडो khūnti or (in South-East Tirhut) दाँको donji, and the third cutting is called तेंको tenji or तेंकरी telri, or in the north-west तिराँटो tirānti. If the second or third cutting is allowed to grow on to the second year it is called कलस kalam or वक्कमो kdlmi. In South Bhagalpur there are two sowings (बावग bāwag),—one called कतिको

katiki (कातिक Kātik = October-November), and the other फुलानी phalguni (फालान Phālgun = February-March). In North Bihār the chief sowing is the फुलाने phaguni (फालान Phāgun = February-March), and there is a second sowing in चलाइ Akhārh (June-July), called चमाइी asārhi or चलाइी akhārhi. There are also sowings in कातिक Kātik (October-November) and नेमाल Bassākh (April-May).

1040. The system of obtaining the plant from cultivators on advances is called दादन्नी dādni or दादन dādan in the north-west, in South-West Tirhut, and in South Bhagalpur. When indigo is grown by cultivators who have entered into an agreement to do so, it is called रैयती raiyati or चमासिवार asāmiwār or चमासियार asāmiyār. Under the system called in the north-west खुम खरीद khush kharid, the planter advances money to a cultivator to sow indigo. He also advances indigo-seed at a given rate, the price of which is recovered in the settlement of accounts. This is also called खमन्त्री khuski in Champaran and निवस्तवानी nawishtakhāni in North-West Tirhut. डीका के खीख thīka ke lil is when the planter takes a village in farm and cultivates the sira'ats (चिरात jirāt) and such other land as he can secure. The special cultivation carried out by the planters themselves is जिरात jirāt, or (in South Bhagalpur) बाडी bāri. The divisions of their estates are called जिला jila, each under charge of a जिलाहार jilādār, and a subdivision is (north of the Ganges) होत tok, under charge of a टोक-दार tokdar.

1041. चलावा alāwa or चलावे alāwe is indigo grown by the cultivator on his land after opium or other crop.

CHAPTER XVIII.—OTHER DYES

1042. The following may be noted:—

- (1) बाद की (morinda citrifolia).—This is used for dyeing red cotton cloth बाजू हतीं। and the coarse red cloth जांच्याँ khāruān. The root is divided into classes, called बाजा bāna. The best and thinnest roots are known as जूदा phūha. The thickest roots are कचारी kachrı in Shahabad and South Munger, and नोड़न toran or गुजी gulli in Patna and Gaya. चेड mel in Shahabad is a mixture of the two kinds.
- 1043. (2) Safflower (carthamus tinctorius).—This is कुद्रम kusum generally north of the Ganges, and को दुस kosum south

of it. A local name is **yes** phūl in Tirhut. The seed is **yes** barri in South Munger. It is also called to the west and in Patna and Gaya **yes** barre. The following are some of the colours prepared from safflower:—

असन्मानी asmāni, light blue. कागी kāgī, navy blue. काचा kāla, black. कारि सनुजा kāhi sabuja, dark green. नेसरिया kesariya, saffron-yellow. गुलाब gulāb or गुलाबी gulābi, pink. चंपई champai, orange. नांरकी nāranji, orange yellow. पैटाकी paithāni. Made by dipping into an indigovat also. पांच-वादी phālsāhi, plum-coloured. बदामी badāmi or बेदामी bedāmi, almond-coloured. बैमन्त्री baingni, purple. माची māsi, a very dark green. सास lāl, red. जीजा lila, dark-blue. सबुचा sabuja, green. सरम्बद्ध surmai, antimony-black. सुर्व surukh, red. सोनक्का sonáhula, golden yellow.

Of course all the above are not made from safflower alone, but it forms the basis of all. In most of the darker colours it is used in conjunction with indigo. The following riddle shows the comprehensive range of colours embraced by safflower. At a marriage procession garments of every bright colour are worn, and the riddle is—

बाप रचल पेटे, पूत गेल बरियात. Bāp rahal pete, pūt gel bariyāt.

—While the father was still in the womb (i.e., pod), the son went to a wedding party. The father is the seed of the safflower in pod; the son is the safflower dye.

In the north-west. जरका तेल jarua tel is an oil extracted by means of heat from the safflower-seeds. It is called जरहमा तेल jarathua tel, and in Shahabad उड्डा तेल darhua tel. It is used for applying to sores, and also for burning.

1044. (3) बक्स bakam (cæsalpina sappan).—This is a red dye, used principally where चाल āl is not obtainable.

CHAPTER XIX.-OILSEEDS.

- 1045. Oilseeds in general are বিকাৰা chikna, মভাৰৰ নীৰী telhan tisi, or simply মভাৰৰ telhan. Amongst the varieties may be noted—
 - (1) Mustard (brassica campestris or sinapis dichotoma).—This is धरियों sarison or धरियों sariso north of the Ganges and in the south-west; elsewhere it is घरायों sarson. In South Bhagalpur it is गोटो goto, and in North-East Tirhut also गोट got. Oil from this seed is called करवा तेल karua tel or कर तेल karu tel.
 - (2) Mustard (brassica juncea or sinapis ramosa).—This is जारी lāhi or राइ rāi to the west. In South Munger it is रवी ranchi, and in East Tirhut रेंची ranchi. Elsewhere it is नोरी tori, and so also in Champāran.
 - (3) Sesamum (sesamum orientale or Indicum).—This is নীৰ til.

 In South-West Shahabad নিম্মী tilli is a variety with a white grain, which is sown with the autumn crop.
 - (4) Linseed (linum usitatissimum).—This is नीची tīsi. To the east it is also called चिक्रना chikna.
 - (5) Safflower (carthamus tinctoria).—See last chapter.
 - (6) Castor-oil plant (ricinus communis).—This is दें renr or संद lenr, also संद anrar in the north-west, Tirhut, and South Bhagalpur, and अस्त anda in Tirhut and South Bhagalpur. The seed is संद lenri or दें renri generally, also अंद री anrri in the north-west, Tirhut, and South Bhagalpur, and असी andi in Tirhut and South Bhagalpur. A plantation of this is दें द्रवारी renruāri or संद वारी lenruāri.
 - (7) Bassia latifolia.—The tree is called মন্ত্ৰ mahu or মহমা mahua. Its clusters of buds are ম্মা chhatta or কৰি konch. The flower which falls to the ground and is used for distilling spirits is মহ mahu or মহমা. The oilnuts which are borne by the tree are কালে koin north of the Ganges, or কালে koini in South-East Tirhut. In South-West Shahabad they are কালে koinda. In South Munger the mahua-pickers sing a song while employed, called হাত toha.

- (8) Celastrus paniculatus.—This is सन्दर्भगनी malkangni or दिरौरी dithauri in South-West Shahabad, सन्दर्भनी malkauni in Patna and Gaya, सन्दर्भनी mankauni in South-East Tirhut, कौनी kauni in South Munger.
- (9) Groton (croton tiglium).—This is जसास गोटा jamāl gota in Patna, Gaya, and the west.
- (10) Two other oils may be mentioned here. One is দিনিখাৰ ক নৈৰ mimiyāi ke tel, which is supposed to be extracted from the heads of coolie emigrants to the colonies, by hanging them head downwards over a slow fire, see §1464. The other is অকাৰ ক নৈৰ akol ke tel, made from the nut of the water akol (aleuritis triloba) tree, which if rubbed on a person's body makes him invisible. This is like saying that if you catch a guinea pig by the tail his eyes will drop out; for the nut is so hard that it is impossible to extract oil from it.

CHAPTER XX.—FIBRES.

- 1046. Hemp, as a drug (cannabis sativa).—See Chapter XVI.
- 1047. Hemp, as a fibre plant.—There are two varieties of this:-
 - (1) धन san (crotolaria juncea) or (North-East Tirhut) कपनीसरा kasmira or धोन son.
 - (2) ঘটুৰা patua, ক্লুবন kuturum, or (in South Bhagalpur) কুৰ্বন kudrum (hibiscus cannabensis, Roxb.) This is like san, except that its flower is like the safflower, and that it is used only for making the coarse fibre (বলা channa). See below.
- 1048. The stalk is सन्दे sanaī north of the Ganges generally except in North-East Tirhut, where it is सने sanai. In Shahabad it is सनेटा sanaitha, in South Munger सनाडी sanāthi, and in South Bhagalpur सन्दानाडी sansanāthi. When the bark has been removed, it is सकी santhi, or in South Munger सनाडी sanāthi, and in South Bhagalpur सन्दानाडी sansanāthi. A bundle of fibres is स्राचा larchha, or in East Tirhut सोसा dhoa or समा thūa. Short stalks that remain in the fibre are called in North-East Tirhut स्राची gudri, स्राची kudāri in North-East Tirhut, क्यारी kudāri in North-East Tirhut,

and सुद्र gudar in East Tirhut. In North-East Tirhut the coarsest fibres are called चन्ना channa, the next finest पद्भा patua, and the finest करनीक्षा kasmira. There is no special name for the seed.

CHAPTER XXI.—BETEL.

- 1049. Betel (piper betel) is called पान pān, and the man who grows it बर्द baraī. Amongst its varieties the best is नप्रो kapūri, which has a long leaf, mild, but slightly bitter. The next best is चांची sānchi. The common varieties are निर्मा (North-East Tirhut) or निर्मा kaker (South-East Tirhut), which has a large leaf and mild flavour; the निर्मा belahri (south-west) or निर्मा चांची belahri sānchi (North-East Tirhut), and the मगन्दी maghi, which have a round leaf and a sweet taste; and the निर्मा bangla or (South-West Tirhut) निर्मा bangra, which is small and slightly bitter. To the west there is also a kind called निरम्मा karárua, which is small and sweet.
- 1050. The mound on which the plant is grown is भिड़ा bhinda, बरेडा baraitha, or पाइ pārh north of the Ganges. South of the Ganges it is भोड bhīt. A betel-garden is बरेड bareo or बरेडे barwe. The rows in the plantation are अपरा sapura in Sāran and South Tirhut, and चाँपुर sāmpur in North-East Tirhut. In South-West Shahabad they are पाछ pās, and in the rest of that district पाँची pānti. The intervening spaces are बाँचर āntar or ब्रांचर antra. They are also पाछ pāhe in South-East Tirhut, दौँचर daungar in Patna and Gaya, and दौंच daug in the south-east. The main props down these lines are कोरो koro in Tirhut and कोरई koraī in Shahabad. In the south-east and in Sāran they are दूकरी ikri.
- 1051. The spaces between these props are in North-East Tirhut कार्यास korwās. The supports of the plants are सर् saraī north of the Ganges, or in South-East Tirhut करने kharhi, of which there are generally six between each main prop. In Shahabad they are called inkar, and in the south-east स्वास्त्र sarkanda. In Shahabad हैंसी dhempi are the lumps of clay in which the plants are sown. The supports of the roof are also कोरो kōro, except in Patna and Gaya, where they are स्था khambha, and in South Munger, where they are स्था khāmhi. The walls are को tatti, or in East Tirhut कार tāt, and in East Munger कारो tāti. The roof is माहो māro or माहो mānro. In South-East Tirhut it is optionally माहन mārab. In South-West Tirhut

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it is डटन्स thatra, and in Shahabad and East Tirbut optionally कानी chhāni. In South Munger it is सङ्खा marka or डटन्सी thathri.

- 1052. The brushwood on the top is खरदे kharaī or (in South-West Shahabad) खराचा kharcha, and in South Munger कच्छा kachua. The young seedlings for planting are कडम kalam in Patna, Gaya, and Shahabad, and बेड bel elsewhere. They are watered from an earthen vessel called जोटी loti or (in Sāran) जोट lot. In North-East Tirhut कटोर mator is a basket in which the gardener carries earth to the plant, and which he also uses for keeping the leaves. In East Tirhut की क्षेप, and in South Tirhut क्रा bhūra, are the shoots which come out of the plant near the root in Jeth (May-June), and कब kan are those which come out in Bhādon (August-September).
- 1053. A packet of twenty leaves is called a कोरी kori south of the Ganges. North of the Ganges one of fifty leaves is called चौडेचा chauthaiya, and one of a hundred leaves चाचा दोनी ādha dholi. A दोनी dholi has 200 leaves.
 - 1054. North of the Ganges and in Shahabad-

7 डोखी dhole = 1 क्नावाँ kanwān. 14 ditto = 1 अधन्य adhwa.

28 ditto 1 पीचा paua or पाना pāwa.

4 पीचा paua = 1 ने से leso.

- 1055. Elsewhere south of the Ganges 108 दोनी dholi make l वेसो leso. A leaf of betel rolled up in a cone for chewing is बोड़ा bīra, बिरवा birwa, or बिरिया biriya or बिन्नी khilli. It is also जिन्नीरी gilauri. सिंगरा singhāra are the triangular-shaped packets. Betel is kept for consumption in a wickerwork basket, called बेल्ड इन्रा belahra or (in East Tirhut) विरद्धा birahra. In North-East Tirhut दानी dhāki is a large basket used by the betel-grower for the same purpose.
- 1056. The betel-nut, which is the fruit of the areca catechu, is called स्पारी supāri or सोपारी sopāri. Other names are करेडी kasaili north of the Ganges, and मुखन्त्रभ mukhsudh, मुखन्त्रभ or मुखन्त्रभ mukhsudhi, in East Tirhut. The nippers for cutting the nut are परीना sarauta. A well-known proverb is मुखन्त्रभ न परन्तार, तविका चित्रपातक वर्षमन्त्रार mukhsudhi na parkār, tanika ariyātak bar chamatkār,—he can't afford to give his guest even a bit of betel-nut, and yet he escorts him out of the house with as great pomp as if he had been actually entertaining him.

CHAPTER XXII.-GARDEN CROPS.

1057. These may be divided into—(1) edible roots, (2) gourds, (3) miscellaneous.

EDIBLE ROOTS.

- (1) Potatoes (solanum tuberosum or esculentum).— बाखू ālu, and in East Tirhut also बाढू āru. Also north of the Ganges बल्ड वाया alua and बलुई aluī. North of the Ganges बल्ड का lalka or दक्ति dackhini is a red kind, and मल्ड दिया maldahiya or नपाली napāli a white one. A red variety of the last name but one is called मल्ड दिया कनक पुरिया maldahiya kanakpuriya. Seed potatoes brought from the hills are बीधा के खालू bīya ke alu, and each eye is बाँखि ānkhi or बाँख ānkh. The produce of these kept for next year is called पिंचला माँटी के बीधा pahila māñti ke bīya, and the produce again of this kept for seed for the third year is दोष पा माँटी के बीधा dosra mānti ke bīya.
- 1058. (2) Yams (dioscorea sativa).—These are ভালাই latār generally north of the Ganges, and also বলাই ratār to the west. To the north-west yet another name is ভালাই atār, and to the south-west কৰাই kathār. In Patna and Gaya it is ইনাই ratālu. In Tirhut it is also called দই phar, and to the east also ভাৰই ভাই khamharua.
- 1059. (3) Sweet potato (batatas edulis).—This is उत्तर्क sakar-kand generally. North of the Ganges it is also called जमन्तर स्वाप lamka alua, and in South-East Tirhut अल्ड्या alhua. In East Bihār it is अल्या alua. North of the Ganges there are two varieties:—(a) A red one, called देशे desi, and also in South Tirhut जल्ला lalka; (b) a white one, called विज्ञापनी bilāēti, and also कर्णाचा karmiya, and in South Tirhut also उत्तर्भा wjarka. A large white variety, weighing from one to twenty sers, is called in North-East Tirhut नेक्ना tekuna.
 - 1060. (4) A kind of yam (dioscorea fasciculata).—দ্বথাৰী suthni.
 - 1061. (5) Arum colocasia.—This is चर्ड arui generally. Also चरची arabbi in North-East Tirhut, पंतन्ता pekcha in South-East Tirhut, पंतन्ती pekchi in Shahabad, पंपन्ती pepchi in Gaya and Shahabad, and in South Bhagalpur

- बर्की alti. Another variety (colocasia antiquorum) is कच्च kachchu. A larger variety is बच्चा arua or कन्दा kanda.
- 1062. (6) राम देखीर rām kesaur (North Tirhut), or निसिरी कन misiri kan (East Tirhut), a large edible root sometimes weighing eight or nine sers. Considered a very cooling food.
- 1063. (7) चादीचक ādichak, the Jerusalem artichoke (helianthus tuberosus).

GOURDS.

- 1064. (1) The water-melon (cueurbit citrullus or citrullus vulgaris).—These are নৰ্বে tarbūj or নৰ্বেলা tarbūja or in North-East Tirhut নামুল tārbhūj. In Champāran they are also called ঘলিৰীয়া panihaua, and in South-West Shahabad বিশ্বয়াৰা hinuāna.
- 1065. (2) The melon (cucumis utilatissimus or cucumis melo).—
 ভবেৰুলা kharbūja. Also ভাতিনী lālmi in West Tirhut
 and Patna and the west, and ভূঁহ phūnt (which is
 properly the cucumis momordica) to the south-east.
- 1066. (3) Cucumis momordica.—This is फूँट phūnt when it is ripe after bursting spontaneously. The young fruit used for cooking is डाम dām and (South-West Shahabad) इसन्को dabhko.
- 1067. (4) The bitter gourd (momordica charantia).—करेंचा karaila, also करेंची karaili in Shahabad and South Bhagalpur and करेंच karail in North-East Tirhut.
- 1068. (5) The bottle-gourd (lagenaria vulgaris or cucurbita lagenaria).—This is कड्डचा kadua generally, or कड् kaddu in South Bhagalpur. Another name in Gaya, South Munger, and the west generally is जीका lauka, with a variant जीका laua in Patna. In East Tirhut it is also called सक्तिक sojiwan.
- 1069. (6) Lagenaria acutangulus or cucumis acutangulus.—This is নাৰে taroï generally. Other varieties are বনন্দ্রনিষা satputiya, কিন্তুন jhinga, কিন্তুনী jhinguni, or কিন্তুনী jhinguli, and নাৰুষ্য nenuān, বিভাগে ghiura, or ঘৰনন্তা ghewra.
- 1070. (7) Cucumber (cucumis sativus).— चौरा khīra. A variety is

cucumber is called कवन्द्री kakri or काँकरि kānkari (cucumis utilatissimus). Natives much appreciate this vegetable, as in the proverb निकौरिया गेंचांच चाट, काँकरि देखि दिया फाट nikauriya gelāh hāt, kānkari dekhi hiya phāt,—the man without money went to market, and his heart burst when he saw the cucumber. The great size of the plant is well illustrated by the proverb एक दायक काँकरि, नौ दायक बीया ek hāthak kānkari, nau hāthak bīya,—a cucumber only one cubit long has an offspring nine cubits long. (Cf. the parable of the grain of mustard-seed.)

- 1071. (8) The sweet pumpkin (cucurbita pepo).—This is कॉर इंड्रा koñhra; also in North Tirhut कोस्इंड्रा komhra, and in East Tirhut करीमा kadīma. Another variety, much used for making sweetmeats, is भतुषा bhatua to the west; also भूषा bhūa or सूरा bhūra in Gaya, सिम्कॉर्ड्डा siskoñhra in Champāran, सिज्ञकॉर्ड्डा sijkoñhra in Tirhut, सुवज्ञकॉर्ड्डा surujkoñhra in South-East Tirhut, and कुम्ह्ड kumhar to the east.
- 1072. (9) বিবিষ chichira or বিৰুষ chichura (north of the Ganges), the snake-gourd (trichosanthes anguina).—In East Tirhut it is কীনা kaita, and in Sāran কীন kait.

MISCELLANEOUS VEGETABLES (IN ALPHABETICAL ORDER).

- 1073. The writer regrets that he has not been able to identify the botanical names of more than a few of the undermentioned plants. In some cases the identification given is doubtful. He has to thank Dr. Shaw, Civil Surgeon of Darbhanga, for much assistance rendered in correcting the botanical portion of this division.
 - चक्रमोदा ajmoda or (Tirhut) वनन्त्रेवार्म banjewäin, parsley (petroselinum satioum or ? apium involucratum).—Cf. पितर्न्सेजी pitarseli.

चलव्याद्व ajwāin,—see जवाद्व jawāin.

चद्रवस adrakh or चद्रवस adrak, ginger (singiber officinale), also चादी ādi generally, चाद ād in South-East Tirhut.

चमफन्गोच asaphgol,—see मफन्गोच saphgol.

बाद ād, बादी ādi,—see बदःरख adrakh.

इमिरन्ती imirti, or in Gaya रमन्चरना rameharna, an acid curry-vegetable, the fruit of spondia mangifera (?).

क्य kath,—see खेर khair.

कमन्त पतन्त kamal patr,—see पियान piyāj.

करमन्कज्ञा karamka/la or बन्धा कोनी bandha kobi, cabbage (brassica olereacea).

कहनी साम kalmi sāg, the tops of convolvulus repens, much used as a spinach.

कवार kawāchh,—see केवाँक kewānchh.

कासनी kāsni, endive (cichorium endivia).

काइ kāhu (Patna and Gaya), a kind of lettuce (lactura sativa).

कुन-री kunri, a creeping-plant, of which the fruit is used for curries.

नेवाँक kewānchh or कवाक kawāchh, a plant which produces a pod like a bean (dolichos pruriens). In Gaya it is सूप सेम bhūp sem.

वैता kaita,—see चिचिरा chichira.

कोचन्सा के साग kochla ke sag, a kind of spinach.

कोबी kobi, the cabbage (brassica oleracea).

खुरन्का khurpha or गोलाना golāwa (Sāran, Patna, and Gaya), purslane (portulaca sativa).

खसन्बरी khusbari,—see मकोय makoe.

चेंचना khekhsa,—see चडेंच chathail.

चैर khair or क्य kath, catechu (acacia catechu).

गदीना gadina, a kind of pot-herb with a taste of garlic.

गजन्दा or मजन्दा gajra or (in South-West Shahabad) माजद gājar, the carrot (daucus carota).

गाजड़ gājar,—see गजन्रा gajra.

युक्त-का gulpha, a kind of spinach.

गेन्द्रारी genhri or (in East Tirhut) गेन्द्रारी genhāri, a pot-herb (? amaranthus frumentaceus).

गन्दर्क gelhanta, गोल-मख्दा golbhanta,— see वैंगब baingan.

गोलावा golāwa,—see खुर-फा khurpha.

गोस मिरिच gol mirich or गुलमिरिच gulmirich,— see मिरिच mirich.

चंच ghench (North-East Tirhut), an aquatic tuber whose white stalk is eaten by the poor (? aponogeton monostachyon).

चडेल chathail or चडेल chatail, a much-appreciated curry-vegetable, a creeping-plant. In Gaya it is called खेलामा khekhsa.

चनःसुर chansur, a kind of cress (lepidum sativum).

चितर-सेखी chitarseli,—see पितर-सेखी pitarseli.

चॅमवा chengua,—see वेगन baingan.

जवादन javāin (west, Patna, and South Bhagalpur), अजन्यादन ajvāin (Gaya and South Munger), जवादन jevāin (north of the Ganges), a plant something like aniseed (ligusticum ajovain and ptychotis ajovan), खोरासानी जवादन khorāsāni javāin is hyosciamus niger. This plant is not the true aniseed (anisi).

जीरा jīra or (South-East Tirhut) जीर jīr, cummin (cuminum cyminum).

खेवार्न jewāin,--see खवार्न jawāin

ढिह्या tharhiya,—see मांरन्सा mārsa.

डिड्या मिरन्चाइ diriya mirchāï, डॅरिया मिरन्चाइ dheñriya mirchāï, see मिरिच mirich.

तरकारी tarkāri,—see तीयन tīyan.

तरकों का tarkonka (Patna), the bud of the red lotus, used for medicine.

तीयन tiyan, नरकारी tarkāri, or पनौरा pataura, the general term for vegetables.

चनियाँ dhaniyan, coriander (coriandrum sativum).

नेवार newār,—see बूजी mūli.

पतौरा pataura,— see तीयन tiyan.

परन्वर parwar, पजन्वज palwal, परोर paror, परोरा parora, or (in South Bhagalpur) परोच parol (trichosanthes dioica), (Roxb.)

पर्दाकी palānki,—see पासक pālak.

पालक pālak, पांत्रको pālki or (East Tirhut and Champāran) पर्श्वाको palānki, spinach (spinacea oleracea).

पितर-बेखी pitarseli or (Tirhut) चितर-बेखी chitarseli, parsley (petro-selinum sativum or ? apium involucratum).—Cf. चजन्मोदा ajmoda.

पियाज piyāj or (South Bhagalpur) पेयाज peyāj, and north-west कमज पत्र kamal patr, the onion (allium cepa).

प्रदेना pudena,—see पोदीना podina.

पोदीना podina, पोदेना podena, or पुदेना pudena, also (Tirhut) इदेना phudena, mint (mentha sativa or viridis).

फ़रेना phudena,—see पोरीना podina.

अल-कोबी phulkobi, the cauliflower (brassica olereacea).

वक-छा bakla, बकुली bakuli, बँग-छा bangla,—see बोक-छा bokla.

बन-जेवादन banjewain,—see अजन्मोदा ajmoda.

बन-सटन्का banbhutka.—see मनीय makoë.

विरन्वाद birwāi (Gaya), vegetable seedlings.

विज्ञाप्रती पहचा bilāëti patua, roselle (hibiscus sabdariffa).

विजापनी वेंगन bilāëti baingan, the tomato (solanum lycopersicum).

वैसन baingan, सक्या bhanta (usually confined to the round variety) or गोस-सन्धा golbhanta, and in South Munger also गेस-स्का gelhanta and चेंग-वा वेंगन chengwa baingan. In East Tirhut it is optionally साँटा bhānta; the egg-plant (solanum melongena). Compare the proverb काह के सव्या वेरी काह के सव्या पन्थ kāhu ke bhanta bairi, kāhu ke bhanta panth,—to some the egg-plant is an enemy, to others it is prescribed as a regimen; i.e., what is one man's meat is another's poison.

बोकःसा bokla or बँगःसा bangla (north-west), बकःसा bakla (Champāran), बकुली bakuli (South-West Tirhut), बोकःसा बीक bokla bīn (South-East Tirhut) (?), a kind of bean (? faba major).

भटन्त्रचाँ bhatkūān, भटन्द्रोंचा bhatkoña,—see मन्द्रोच makoe. मण्डा bhanta.—see वैजन baingan.

भिष्डी bhindi or राम तरोइ rām taroï, also to the east राम परोर rām paror, a long kind of fruit used for cooking (hibiscus esculentus or abelmoschus esculentus).

मुट-का bhutka,—see मकोच makoe.

मूप सेम bhūp sem,—see केवाँक kewānchh.

सकीय makee (west and Tirhut), ह्यान्वरी khusbari (gooseberry), or (purple variety) भटनकीं का bhatkoña or भटकूकों bhat kūān, the cape gooseberry, or tipares (physalis Peruviana). The red variety is also सुरुका bhutka or वक्तसुरुका ban bhutka in South-East Tirhut.

मरिचा maricha,—see मिरिच mirich.

मांरन्सा mārsa or ढिल्या tharhiya (west), amaranthus mangostanus. सिरन्दा mircha, मिरन्दाइ mirchā,—see मिरिच mirch.

मिरिच mirich or (West Tirhut, Shahabad, and Gaya) मिरचा maricha and मिरचाइ mirchāi, (Patna) मिरचा mircha, (South Munger) डिड़िया मिरचाइ diriya mirchāi, (Gaya) हैरिया मिरचाइ dheñriya mirchāi, long pepper, &c. (capsicum fastigiatum, &c.) गोस मिरिच gol mirich or ग्रस्तमिरिच gul mirich is black pepper (piper nigrum). Bird's eye pepper (capsicum baccatum) is खोँ गिया मिरचा longiya maricha or जेया मिरचा jaiya mircha.

सुनन्गा munga,—see सैयन saiyan.

सुरदे muraī, सुराद murāi, सुन्नी mulli, मूर mūr, मूरी mūro,—see मूनी mūli.

सूची mūli, सुची mulli, or सुरई murai or (East Tirhut optionally)
सूर mūr, (South Munger) सुराद murāi, (South Bhagalpur)
सूरो mūro, the radish (raphanus sativus). In Shahabad
there are two kinds—(1) नेवार newār, which is large, and
(2) सुनिया lutiya or देखिना desila, which is small.

मेची methi or मेंथी menthi, fenugreek (trigonella fænum Græcum).

रमञ्चरना ramcharna,—see इमिरन्ती imirti.

रसन rasin, रसन rassun,—see खहन्तुन lahsun.

रहरिया सेस rahariya sem or राम रहर rām rahar, a kind of bean, not a climbing-plant, but a shrub.

राम तरोइ rām taroï, राम परोर rām paror,—see मिडी bhindi.

बहार lahsun, or to the east रहन rasun or रहान rassun, garlic (allium sativum). A clove of garlic is पोटी poti or पोट pot.

बुतिया lutiya,—see मूजी mūli.

बौँगिया मिरिच longiya mirich,—see मिरिच mirich.

चफ्नों saphgol, or in South-West Shahabad चचफ्नों asaphgol (phantago isabghola).

चक्रनास salgam and also (south of the Ganges) चल्रनास saljam, the turnip (brassica rapa).

षदःजन sahjan, &c.,—see चैयन saiyan.

चिषादा singhāra, the water-caltrop (trapa bispinosa or natans).

- घौम sīm,—see सेम sem.
- चैम sem (west), चीम sīm (east), a bean (phaseolus magnus). A variety is दोसा sema.
- स्वेयन saiyan, or (Tirhut) सोहिजन sohijan or सोहज्जन sohjan or सहज्जन sahjan, or (Shahabad) सँहिजन sañhijan or (Patna) सहज्जना sahjana, the horse-radish tree (hyperanthera moringa). Its fruit is called सुनन्गा munga, and is used as a vegetable, and its root (which tastes like horse-radish) is used as a condiment.
- चौंफ saumph, ? a kind of aniseed (peucedanum graveolens or anethum sowa).
- इरन्दी hardi, or in Shahabad optionally इसन्दी haldi, turmeric (curcuma longa).
- इलन्दी haldi,—see इरन्दी hardi.

SUBDIVISION II.

INSECTS AND CAUSES OF INJURY TO CROPS.

CHAPTER I .- DESTRUCTIVE INSECTS AND DISEASES.

- 1074. Among these may be noted the following, which are arranged in alphabetical order:
 - blight in cereals caused by the sharp west wind; also (Champāran) a blight in opium. See मुख्का murka,
 - चरैया araiya,—see पोचारी poāri.
 - चक्रन्टा uktha (south), a sort of mildew which dries up the grain in wheat.
 - चकन्द्रा ukrha, उखन्दा ukhra, जकन्सा uksa,—see उखन्द्रा ukhtha.
 - चिन्द्रा ukhtha or जकन्द्रा ukrha (north generally), जन्दरा ukhra (Tirhut), जकन्द्रा uksa (north-west), withering of crops from excessive drought.
 - चौरङ्ग aurang (Champāran),—see गपन्तू gaptu; also (north-west) or (in Tirhut) वभन्नी babhni, a white spot appearing in the

leaf of millets, causing them to wither up.

कचोड़ा kachoha (South Bhagalpur), a disease in tobacco.

कजन्रा kajra,—see कजन्री kajri.

कजन्दी kajri (generally), कजन्दा kajra (West Tirhut, Patna, and Gaya), कजन्दा kajla (North-West Tirhut), सजन्दी majri (East Tirhut), a green grub which eats the young plants of rice, wheat, and barley when they are about six inches high.

कजन्सा kajla,—see कजन्दी kajri.

कहर katui, an aquatic beetle which infests rice.

कटेशा kataiya (South-West Shahabad), कटोई katoï, कटोइशा katoïya (elsewhere south of the Ganges), a blight which attacks rice and turns the ears an orange colour and destroys them.

कटोद्या katoiya, कटोई katoï,—see कटेया kataiya.

कतन्ति katri (South-West Shahabad), a disease of the rice-plant.

कनाठा kanātha, कन्ही kanhi,—see सीरी chhīri.

कपन्य kapta (Champaran), an insect which attacks young rice.

कस्चा kamua,—see कमा kamma.

कसा kamma or कस्या kamua (Patna), a smooth kind of caterpillar.

किरीना kirauna,—see गाँघी gandhi.

कौरी kiri or (South Bhagalpur) कोरो kiro, a maggot.

कुकुड़ी kukurhi (Sāran and Tirhut), an insect which attacks cotton.

চনুত্ৰ kukuhi (north-west), an insect which injures the coldweather crops.

कुसन्वरन्ता kuswatna (north-west), कुसियाना kusiyāna (Tirhut), a blight in transplanted rice.

कुसियान्ना kusiyāna,— 800 कुसन्वटन्ना kuswatna.

केंज्याँ keñuān,—see करन्का larka.

कोर्या koiya, a tiny black insect which does great damage in granaries.

कोर्जी koili, कोहिया korhiya, कें जिया kailiya, blights of various kinds in rice.

कोदिया korhiya, केलिया kailiya,—see कोइसी koïli.

देवादी khankhri, a blight in cereals on account of which no grain is produced in the ear.

- चपन्होद्या khaproïya (Champāran), बङ्दा garra (Gaya, Sāran, and Tirhut), a small white insect which attacks rice.
- खरका kharuka,—see जासा jāla.
- बेरा khaira (west), बेरी khairi (North-East Tirhut), a blight which attacks rice and turns the ears an orange colour and destroys them.
- गड़न्रा garra,—see खपन्रीर्या khaproïya.
- ৰহাত garār (north), a grub which attacks the roots of sugar-cane.
- गदन्दी gadhi (north) or (Sāran and East Tirhut) गदिचा gadahiya, an insect very destructive to growing pulses.
- गन्यन्ती gandhki (Patna and Sāran), a small green fly, which attacks rice.
- गन्नी gandhi,—see गाँघी gandhi.
- गपन्तू gaptu or गपन्तुचा gaptua (Patna and north), गभन्तू gabhtu, ठाँडियारी thonthiyāri (Shahabad), गपन्स gapsu (Sāran), and चौरङ्ग aurang (Champāran), a disease affecting millets, sugar-cane, and Indian corn, in which the tops wither.
- गभन्त gabhtu,—see गपन्तू gaptu.
- ৰাহ্য gādur (South-West Shahabad), an insect which attacks pease and gram.
- गाँधी gāndhi or गन्धी gandhi, also to the west गाँधना gandhwa.
 Other names are माँखी mānchhi (north generally), किरोना kirauna (South-West Shahabad), and मेमन्रा bhemra (South Munger), the flying-bug,—an evil-smelling insect, which attacks principally the millets before the flowers are formed.
- गेरचा gerua (west), the grub which attacks the roots of sugarcane.
- गेर्स geruī (north and south-west), a disease of the cereal crops, in which the plant dries up and assumes a reddish colour while the ear is black. It is caused by excess of winter rains and east wind.
- बावन्दीरा gobraura (West Tirhut and west), blight in betel.

- गोभी gobhi, a disease produced by prevalence of severe winds, and consisting in the plant giving out little shoots, which weaken it.
- gaunchhi (West Tirhut, Patna, and Gaya), an aquatic beetle which destroys rice by floating from one plant to another in a hoat made of a leaf.
- वंचन्दी ghanghri (Shahabad),—see घो घन्डी ghonghri.
- चून ghūn, a weevil destructive to wood and grain.
- धाँचन्दी ghonghri or (Shahabad) घँचन्दी ghanghri, a worm in the ear of millets and gram.
- चतःरा chatra,—see मुखार muār.
- चपटःवा chapatwa (South-West Shahabad), a small green fly which attacks rice.
- हपाटा chhapta (north-west), पच-कहा pachkatta or (Tirhut) पत-कहा patkatta, a green caterpillar which eats up the rice-plant.
- शेरा chhira,—see सीरी chhiri.
- Tirhut), also कोरा chhīra in Champāran. Other names are कही kanhi (South Munger) and कनाउ। kanātha (South Bhagalpur), the palmer (?) worm, which attacks pulses, cotton, and tobacco.
- केंडी chhenri,—see कीरी chhiri.
- ভাভা jāla (Tirhut, Patna, and east), **দৰ্ভন** pakkhan (West Tirhut and Gaya), ভাৰো kharuka (South-West Shahabad), ভাৰো murka (west and West Tirhut), a blight in opium.
- भरःका jharka,—see चँगःरा angra.
- দিল্লী jhilli (north-west), দ্বন্ধন্ধ phulbhanga (Tirhut), an insect which eats the stalks of pulses and makes the leaves crumple up.
- टाइंग tāra or टाँड्ग tānra (west), a small green insect which ravages wheat and eats the roots of sugar-cane.
- হাড়া tāra (north-west), হাঁড়ী tānri (North-West Tirhut), a grub which eats the young plants of wheat and barley when they are about six inches high.
- होड़ी tīri or (South-West Shahabad) टिरन्री tirri, and फरिङ्गा pharinga (Tirhut and east), the locust.

इनन्ती tunki (north), a disease which attacks rice.

डॉंडियारी thonthiyāri,—see गपन्तू gaptu.

तितिकी titili, a butterfly.

- तंत्र-चंद्र telchat (Patna and east), परोद pator (West Tirhut, Gaya, and South Munger), a disease of the castor-oil plant.
- देखनः dakhinha, (north and south-west), also देखना । dakhināha (Gaya and south-west); also नीमा nīma (North Tirhut), चिरोरा sirora (Patna), and पीरो pīro (South Bhagalpur), a disease of rice, millets, and sugar-cane caused by a noxious wind from the south. A white spot appears on the leaf of millets, and they wither. In sugar-cane the tops wither.
- द्शिया dahiya (north), a disease in चीना chīna (Panicum frumentosum).
- दिचँका dianka, दिचँका diunka, दियाँड़ा diyānra, दियार diyār, दिवार diuār,—see दीयाँ diyān.
- दीयाँ diyān or दियाँड़ा diyānra (Patna, Gaya, and southeast), दिखँका diunka (South-West Shahabad), दिखँका dianka or दिखका diaka (west generally), दियार diyār (Champāran and Tirhut), and दियार diwār (East Tirhut), the white ant.

नीमा nīma,—see द्विन-हा dakhinha.

नेहा nerha,—see खेंहा lenhra.

पक्खन pakkhan,—see जाना jāla.

पक्खी pakkhi or पविद्या pakhiya, a small insect which attacks the singhāra plant or water-caltrop (trapa natans or bispinosa).

पच-कहा pachkatta, पत-कहा patkatta,—see इप-टा chhapta.

पटाही patārhi,—see पॅटाही petārhi.

ण्टोइ pator,—see तेल चट telchat.

- বিতাই pitoi (Patna and South Munger), a small green insect, which ravages wheat and eats the roots of sugar-cane. = হাঁৱা tānra, q.v.
- िष् pillu or पिलुचा pilua, a small white maggot, which attacks cotton, safflower, and grain, whether growing or stored.

पिचिता pihika,—see सुखन्डा sukhra.

पौरो piro,—see दखनिन्हा dakhinha.

पंटादी petārhi or पटादी patārhi (Tirhut), an insect which attacks stored rice only.

पंटारकी petārhi (Shahabad), a red-coloured insect which attacks cotton, gram, and the castor-oil plant.

पेया paiya, a worm in the ear of grain.

মাৰাবী poāri (east) or ৰাইয়া araiya (South Munger), a disease of the rice-plant.

पौरा paunchhi (Patna and South Munger), a branch springing from the root of sugar-cane and injuring it.

फटन्हा phatha (South Bhagalpur), फहा phatta (South Munger), a disease of the rice-plant.

पहा phatta,—see पर हा phatha.

দ্বিদ্ধী phatingi, a kind of grasshopper which eats the leaves of sugar-cane.

फनन्गी phangi (west), a kind of grasshopper which appears in years of drought and attacks roots of wheat and gram.

पनिमा phaniga,—see सुरन्ता surka.

परिक्रा pharinga,— see टीड़ी tīri.

फाटी phāti, a blight in the ear of rice.

फाँड़ा phānra (Tirhut) or फाँड़ी phānri (Tirhut), a weevil destructive of wood and grain.

प्रसन्भाषा phulbhanga,—see भिषा jhilli.

बक्ता bakula,—see बद्दी bakki.

बङ्गा bakuli (south-west), a green caterpillar destructive to rice. Of. कडारी kajri.

बनेवा bakeya,—see बनी bakki.

aal bakki, also बकेया bakeya or बकुखा bakula (also in West Tirhut) in Shahabad, and बुढ़िया burhiya or बढ़ः की barhi in South Bhagalpur, a small kind of caterpillar which attacks rice. A larger kind is बाँका bānka.

बड-ही barhi,—see बच्ची bakki.

वसन्ती babhni (Tirhut), a blight affecting rice, sugar-cane, millets, and opium. See also चौरङ्ग aurang and सरका murka.

बलुका balua, बलुई baluï,—see बालु bālu.

बाँका bānka,—see बन्नी bakki.

ৰাঁকী bānki (Gaya), a disease which attacks the leaves of trees (especially the pepper-tree), and causes them to curl up and wither.

बाला bāla,—see बालू bālu.

बाजू bālu or बलुका balua (Patna, Gaya, and south-east), बलुद्धे baluï (Shahabad), बाजा bāla (South-West Shahabad), an insect which eats the stalks of pulses and makes the leaves crumple up.

बीकाल bijhal (Gaya and South Munger), weevil-eaten.

बृहिया burhiya,—see बन्नी bakki.

भाइ bhankh,—see भाँख bhānkh.

भर-का bharka (West Tirhut and south-east), an insect injurious to rice, caused by prevalence of south winds and excess of rain.

भवन्दा bhañwra,—see भेंडा bhenra.

भर्दनी bharki (South Bhagalpur), a disease of the rice-plant.

भाँख bhānkh (north) and also भाँखी bhānkhi (north), भाष्ट्र bhankh (east), a blight which attacks the millet चाँचाँ sāñwān (panicum frumentaceum).

सरसा bhuïla, सरसी bhuili, सरन्री bhurri, सरन्ती bhurli, सरिसा bhurila, सरिसी bhurili,—see भूषा bhūa.

भूषा bhūa (Tirhut, Patna, Gaya, and east), सुरका bhuïla or सुरक्षी bhuïli (West Tirhut and north-west), also सुरक्षी bhurli (Sāran), सुरिका bhurila, सुरिक्डी bhurili, or सुरक्षी bhurri (south-west), a hairy worm which eats the leaves of the castor-oil plant and pulses, and is fatal to cattle when eaten.

भेड़ा bhenra or भेड़न्ता bhenrwa (Patna and east), भेवन्रा bhañwra (West Tirhut and Shahabad), an insect which attacks millets and stored grain in dry weather.

असरा bhemra,—see गाँघी gandhi.

सगरा mangra (South-West Shahabad), an insect which attacks the sugar-cane in the root.

मजन्दी majri,—see कजन्दी kajri.

मर्ग्डिश marhinna, मरी mari,—see मुचार muār.

माँकी mānchhi,—see गाँधी gāndhi.

भारा māra (North-East Tirhut), a disease in rice which withers the plants.

सुचार muār (west), चतन्ता chatra (Patna and Gaya), मरनिद्वा marhinna (Tirhut and East), मरी mari (West Tirhut and South Bhagalpur), a disease in which the whole plant is burnt up.

मुरन्ता murka (north), also चाँगन्रा angra (Champāran), and बभन्नी babhni (Tirhut), a blight in opium. See जासा jāla.

मुरिया muriya,—see सुख-ड़ा sukhra.

जहारिनिया lachhminiya (East Tirhut), a small, thin, red-coloured beetle found in granaries. It does no harm, and is reverenced by grain-merchants.

ভাকো larka or (Gaya) खुरका lurka, a worm which attacks gram and pease. North of the Ganges it also burrows into the ribs of the leaf of the tobacco-plant, and is then called कें उसा keñuān in Tirhut.

बाही lāhi, plant-lice.

बंदा lenrha (west and West Tirhut), नेदा nerha (Tirhut), a disease in wheat or barley in which the ears turn black.

चड़-का sarka, a worm in the root of rice.

चिरका siruka,—see सुरन्का surka.

सिरोरा sirora,—see दिखनन्डा dakhinha.

सुखन्डा sukhtha,—see सुखन्डा sukhra.

सुबन्दा sukhra (West Tirhut and south generally), सुबन्दा sukhtha (West Tirhut and west), पिरिका pihika (rest of Shahabad), सुरिया muriya (South Bhagalpur), a blight in sugar-cane.

पुंदरी sundri (east), an insect which eats the leaves of the castor-oil plant.

स्पडा sunda,—see चूँड़ा sūnra.

सर्का surka (East Tirhut and Shahabad), विदक्त siruka (Sāran and Patna), फनिया phaniga (Tirhut and South-West Shahabad), an insect which eats the leaves of sugar-cane and destroys gram, pease, and cereals.

चूँड़ा sūnra or चूँड़ी sūnri (Tirhut and south generally), खँड sūnrh or चूँड़ा sūnrha (Gaya), सुखा sunda (West Tirhut and south-east), a kind of weevil destructive to wood and stored grain. Cf. कीरी kīri.

चूँड़ sūnrh,—see खूँड़ा sūnra.

- tobacco-plant, and throwing it far out of the soil.
- হিছিবা hathiya (North-East Tirhut and Gaya) and হৃথিবা सুखा hathiya sunda (south-east), a small white insect which damages rice.
- write harda (north and east), a sort of mildew which dries up the grain in cereal crops. The plant turns yellow, and the ear black.

CHAPTER II.—NOXIOUS WEEDS.

1075. These are as follows:—

चॅक्न्टा ankta. - see चॅक्न्रा ankra.

- चॅकन्स ankra or चॅकन्स ankri (West Tirbut and Shahabad), चॅकन्टा ankta (Tirbut and elsewhere south) (vicia sativa), it appears in wheat.
- स्तिया agiya (north and east), a weed which burns the riceplant (from साम āg, fire).

चख-ड़ा ukhra,—see इड्डा hadda.

उरन्त्रस्री urkussi,—see विकौतिया bichhautiya.

. ककन्ना kakna (Patna, Gaya, and south-east), वनन्सारी bansāri (Shahabad and East Tirhut), a weed which chokes crops.

कटन्रॅंगन्नी kathrengni,—see रॅंगन्नी rengni.

कनन्वाँ kanwān, कन्ना kanna,—see काना kāna

कनन्सन kansan,—see काँसी kānsi.

- काना kāna (Tirhut, Patna and east), कझा kanna (north-east Tirhut), कनन्वा kanwān (Gaya), केना kena (West Tirhut and west), a weed which chokes rice (a species of Coix).
- काँची kānsi (West Tirhut, Patna, Gaya, and the south-east), काप kās (Shahabad and North Bihār), कनन्पन kansan (Sāran), (saccharum spontaneum), a most destructive grass.

केना kena, - see काना kana.

कोइस खो koil kho, — see गौर-खुन gorkhul

खड्का kharuka,—see खरम्बा kharthūa.

खरः यूचा kharthūa (Patna and Gaya), वशुचा bathua (generally) खडुका kharuka (North-East Tirhut and Shahabad), सोचडी mochatti (ditto), a weed in opium.

खरःका hhurka or सकेती machhaiti (north), also दचारी ruāri (Sāran), a weed in opium. Cf. दचारा ruāra.

गहन्हर garhar,—see गाँड्र gānrar.

गहरी garhro,—see गेंड्रंडरवा gerharua.

गङ्गर garār,—see गाँड्र gānrar.

गाँझ gānrar (West Tirhut and Patna), गड़ार garār (Tirhut and east), जमार गड़ार jamār garār (South Munger), गड़ार garhar (South-West Shahabad), a weed which injures rice (various species of Coix).

गॅड़-इरचा gerharua (north-west), गहन्दी garhro (North Tirhut), a weed in cereal crops.

गोसुना gokhula,—see गोरन्डन gorkhul.

गोरन्ड्स gorkhul (west), बाँसी bānsi (generally), गोड्डा gokhula (West Tirhut, Patna, Gaya, and South Munger), कोद्र सो koīl kho, a plant which injures rice (tribulus terrestris).

चपन्डा chapra,—see घुरन्पा dhurpa.

चित्रन्होर chichhor, चित्रोर chichor, चित्रोरी chichori,—see संबुद्ध leurai.

चौपहा chaupatta,—see पिपन्रा pipra.

जॅगन्डा jangla,—see भिष्या jhirua.

व्यक्तार गङ्गर jamār garār,— see गाँड्र gānrar.

ভাষাৰ jamhār, আৰো jāmhar (Patna and South Munger), জিন্দাৰ jinhār (South-West Shahabad), and ভদ্যা damharo (South Bhagalpur), a coarse hard grass, infesting poor soils (varieties of andropogon.)

कान्दर jāmhar,—see जन्दार jamhār.

जिनन्दाँ jinwān, a grass something like दूस dūbh, q.v.

विन्तर jinhār,—see जन्तर jamhār.

कर jhar, करँगा jharnga, कार jhār,—see कारङ्ग jhārang.

সাজ jhārang (north-west), সাংগ্যা jharnga (Shahabad), সাং jhār or সাং jhar (Tirhut and east), a weed which injures rice

কিবৰা jhirua (Patna, Gaya, South Munger, and North Bihār). কিবৰৈয় jhiraua (South Munger), কিবৰেয় jhirua (South Bhagalpur), ভাৰতনা jangla (South-West Shahabad), স্থাবি jhīro (East Tirhut), a weed which chokes rice.

भौरो jhiro,—see भित्या jhirua.

डोकरा thokra,—see विक्रीतिया bichhautiya.

उन्हरो damharo,—see जन्हार jamhār.

डर dar, डेयोरा deyora,—see मोँया montha.

डामी dābhi (north) a coarse grass, injurious to crops (xyris indica).

तितिसी titili,—see पिपन्रा pipra.

दुधिया dudhiya, - see च्या hadda.

दूस dūbh or दूव dūb (north and east), also दुवारे dubbhi (south), a grass which overspreads fallow fields (cynodon dactylon).

भुरन्पा dhurpa (Patna, Gaya, and South Munger), भुरप dhurup (South Bhagalpur), चपन्द्रा chapra (Shahabad), a tough, coarse grass spreading over uncultivated lands, which are inundated yearly (cynodon dactylon). It is only removed by digging.

नक्किकानी nakchhikni,—seo रॅंगनी rengni.

पिपन्ता pipra (Sāran, Patna, and east), प्रपन्ता pupra (South Bhagalpur), चीपशा chaupatta (South-West Shahabad), तितिची titili (generally), a weed in wheat.

मुपन्दा pupra,—see पिपन्दा pipra.

बङ्गोडमा bargohuma (south and east), a weed in wheat.

बश्चा bathua,—see खरम्यूचा kharthūa.

बन-पियन्त्रचा banpiyajua, बन-पियान banpiyāj, and बन-रसनना banrasna,—see रचारा ruāra.

बन-सारी bansāri,—see बक-ना kakna.

वसाँदी basānrhi,—see वसीँता basaunta.

वर्धीता basaunta (West Tirhut and north-west), वसाँदी basānrhi (Tirhut), a weed which injures the spring crops (acalypha indica?)

- बाँची bānsi,—see गोरन्डुस gorkhul.
- विक्रोतिया bichhautiya or विक्रवित्या bichhwatiya is a parasitic plant which injures the poppy. It is also called भराभाँड़ bharbhānr in South-West Shahabad, टोकरा thokra in the rest of that district and north of the Ganges, and जराइसी urkussi in South-East Bihār.
- भॅगन्दा bhangra (West Tirhut, Patna, Gaya, and South Munger), भँगन्देश bhangraiya (Tirhut and east), भँगरिश bhengáriya (North Bihār and Shahabad), भँगरिश bhangariya (Tirhut) (verbesina prostrata), a small creeping-weed with a white flower which injures rice.

भगरिया bhangariya,—see भँगन्रा bhangra.

भर-भाँड bharbhānr,—see विक्रीतिया bichhautiya.

मॅगरिया bhengariya,—see मॅगन्रा bhangra.

भक्ष makra (north and east), a rough coarse grass spreading over uncultivated lands which are inundated yearly. It is only removed by digging (cynosurus).

महेती machhaiti,—see खुर-का khurka.

में इंट mañrer (Patna, Gaya, and east), मइर marar (South Bhagalpur), सरेन maren (Shahabad), a weed which chokes rice.

मोचही mochatti,—see खरन्यूचां kharthua.

मोबा montha, also डर dar and मौना mauna (also in West Tirhut) in the south-east, and डेयोरा deyora in South Munger.

A coarse grass which grows in uncultivated land and injures the autumn crops (cyperus rotundus).

राड़ी rāri (north), a coarse hard grass infesting poor soils.

रचारा ruāra (Patna), बनन्दसन्ता banrasna (Gaya and South Munger), बन-বিযাজ banpiyāj or बन-বিয়ন্ত্ৰা banpiyajua (Tirhut and Shahabad), a weed which grows in opium. Cf. দুংকা khurka.

रचारी ruāri,—see खरन्का khurka. Cf. रचारा ruāra.

रंगनी rengni, the Mexican poppy (argemone Mexicana), a thistlelike plant, which overspreads fallow fields. It is also called वक्षांकिकानी nakchhikni or (to the east) कटार्गानी kathrengni. It was introduced into India in a cargo

- from Mexico within the last hundred years, and is now very common.
- सुँद leñrai (north-west), चिचोर chichor (north and Gaya), विचोरी chichori (Tirhut), चिचःहोर chichhor (east), चिचोरो chichoro (South Bhagalpur and Tirhut), a weed which chokes rice
- regi hadda or ভাৰ-ভা ukhra (West Tirhut and south), or (West Tirhut and Gaya) হুবিয়া dudhiya, a small creeping-plant injurious to crops (euphorbia hirta). Cf. also § 1183 for other names.

CHAPTER III.-MISCELLANEOUS.

- 1076. A stunted crop is बैटल दाविल baithal hāsil north of the Ganges. In Shahabad and West Tirhut it is चित्तिरियाण्ड situriyāël or नत्तिरियाण्ड thuriyāël, or în Sāran, सुनिरियाण्ड sutariyāel. In Gaya it is टियुरियाण्ड thunguriyāël, in Patna चेंट-वॉच bhentwāns, in West Tirhut and South Munger हरियाण्ड thuriyāël, and in South Bhagalpur विरानियाण्ड birniyāël. A blighted ear is मराण्ड marāël north of the Ganges. In Shahabad it is चवन्दा abda or दगन्दार dagdār, in Patna and Gaya कोइल koil, and in the south-east मरा mara. पेया paiya in Gaya and the west, and भोर bhor to the north-east, is rice in which the ears have no seed. Blighted millets are called भिष्याण्ड bhakhiyāèl in the north-west, and भेष चहचा bhakh chatua in Tirhut. In Shahabad they are खुनखा khukkha or खोजन्दा khojra, in Gaya चल्लाख algal, and in Patna फ्रजन्दर phulhar.
- 1077. Crops withered from drought are to the west and in West Tirhut सुचार muār; in Gaya they are मोचार moār, and in Patna सुचान mual. To the east and in Tirhut they are मरन्द्रेना marhena or मरन्द्रिज्ञा marhinna, and in South Bhagalpur also मरा mara. An irretrievably spoilt crop is विगन्द चापिन bigral hāsil north of the Ganges. In Shahabad it is वाकार bānkta, and in Patna चुन्दिया chuchuhiya. Scarcity of rain is सुचार sukhār.
- 1078. Failure of seed is विजन्मार bijmār in Gaya and the west. In South Munger it is बीया मार biya mār. North of the Ganges it is also निविज्ञ nirbiji, निवीज nirbij, or चविज्ञ abiji. Other names are वैमोरा banjhaura (South-West Shahabad), वाँमो bānjhi (rest of Shahabad), वैमोरी banjhauri in Patna, and देशापव daihāëb in South Bhagalpur. In North-East Tirhut there is also कौर जाएव kaur jāëb, and in East Tirhut भवद जाएव bhakhar jāëb.

- 1079. Crops trodden down by cattle are धँगाउ (also spelt घडाउ) dhangāth north of the Ganges, local variants being द्वाउ dangāth in South-East Tirhut, घँगाएल dhangāel in Sáran, and घँगेड़ dhanger in West Tirhut and Champāran. In South-West Shahabad they are खडानाएल lahnāël, in Gaya and South Munger खुराद्धन khurkhūn, and in South Bhagalpur बाँची khīnchi. In East Tirhut they are also called निषेष nighes.
- A hot dry wind which burns up crops is to the west called भोजा jhola, and such crops are known as भोजाइज jholāil or भोजाइज jhonkral. To the east it is हाइग dhārha or हाइगे dhārhi. A frosty wind which frost-bites the crops is पाजा pāla or (to the east) पद्मा palla. The same words are used for frost-bite itself, and a frost-bitten crop is प्राच्या palmarua. An inundation is द्वार dahār or वाइ bārh, also वाइ bārhi (North-East Tirhut), घाघ dhādh (Gaya), वापन āphat (Patna), and वाइ boha or चार khār in the south-east. Morning fogs are क्रा kūha, of which optional local variants are क्रेप kuhes or क्रेप kuhesa to the west and क्रेप्सा kuhassa in South Bhagalpur. क्रेप kuhes is also current in North-East Tirhut, and in South-East Tirhut we find क्रेप kumhes. A fog in the day-time is घून dhūn or घूँघ dhūndh. Hail-stones are प्राच patthal, प्राच patthar, पाचर pāthar, or च्यारिया bangauriya in West Tirhut, Patna, and the east.

DIVISION VI.

AGRICULTURAL TIMES AND SEASONS.

1081. The* Bihār agriculturist follows the Hindu year in calculating his seasons. The year is divided into twelve lunar months (साम mās, मॉम māńs, महिना mahina, महिना mahina, or महीना mahīna) of 30 days each, and therefore consists of 360 days. Each month is further divided into a first or dark half [किसन पख (or पक्) kisun pakh (or pachchh)] (commencing with the first day of the wane of the moon), and a second or light half (सकन्य पख sukl pakh). Roughly speaking, a Hindu month commences at about the 15th of an English month; but as there are thus only 360 days in a year, they begin each year somewhat earlier in the solar year than the year before, till the calendar is brought nearly right every third year by the insertion of an intercalary month (मसन्माम malmās) of 30 days every third year.

1082. Besides the above, another important division of the year must be noticed,—that into lunar asterisms (नजन nakhat, नक्षार nachhattr, or निकार nichhattr). There are 27 of these in each year, and consequently 2½ in each month. Each asterism is not of equal length. The longest is दिखा hathiya, which is 16 lunar days. The others range from about 13 lunar days in the dry months to 15 lunar days in the wet. Every agricultural operation commences in a certain asterism, and so it is necessary to know when they occur. The accompanying table shows roughly the relative positions of the English and Hindu months and of the lunar asterisms.

^{*} Part of the following will be found in Carnegy's Kachahri Technicalities, s.v. nakhat.

Hindu

Approximate European Month.				Name.		
Part of Sept	ember	•••		चासिन $ar{A}sin$ or कुमार $Kuar{a}r$.		
October	•••	•••	•••	कातिक <i>Kātik</i>		
November	***		٠			
December	•••	•••	•••	श्रव•हन Aghan		
January				पूच Pūs	••	
February			•••	माघ <i>Māgh</i>		
March				फागुन Phāgun	•••	
				चेत Chait	•	
A pril	•••	•••	•••	बैसाख Baisākh		
Мау	***	• • •	•••	ਚੇਰ Jeth		
June	•••	•••	•••		-	
July	•••	•••	•••	भ्रखाद Abhārh or भ्रसाद Asārh	••	
August	•••	•••	•••	सावन Sāwan or साम्रोन Sāon		
Part of Sep	tember	*	•••	भादों Bhādoñ		

Months.

Dark half (light ha	(किसुन पख lf (सुक्राल			Asterisms, of which there are two and a quarter to each Hindu month.		
Dark	•••			ई of डतन्रा फगुनी Utra Phaguni.		
Light				हस Hast or हथिया Hathiya.		
Tight	····			चितन्रा Chitra.		
Dark	***	•••		खातौ Swāti or सिवातो Siwāti.		
Light	•••	•••	•••	बिचाखा Bisākha.		
Dark	•••	•••		त्रतराधा Anurādha.		
Light	•••	•••	•••	नेष्ठा Jeshtha.		
Dark	•••	•••		मूल Mul.		
Timb+				पुरन्वा खाट Purba Khārh.		
Light Dark	•••	•••	•••	चतररा खाड Utra Khārh.		
	•••	•••	•••	चावन Sāwan.		
Light	***	•••		घनिष्रठा Dhanishtha.		
Dark	•••	•••	•••	चतन्भीखा Satbhīkha		
Light		•••	•••	पुरद मञ्जद Pūrab Bhadrapad.		
Dark	•••	•••	•••	उत्तर भद्भवद Uttar Bhadrapad.		
\mathbf{Light}	•••			रॅबन्सी Reoti.		
Dark	•••	•••	***	मसनी Aswini or मसनी Asni.		
				भर्ग्नी Bharni.		
Light	•••	•••		क्रिनिका Krittika.		
Dark	•••	•••	•••	रोह-नी Rohni or रोहिनी Rohini.		
Light	***	***	•••	मिर्गिसिंग Mirgsira or मिगिडा		
Dark	•••	•••	•••	Mirgidāh. त्ररहररा Aradra or सदररा Adra.		
Light	•••	***	•••	पुनर वस Punarbas.		
Dark	•••		•••	पुछ Pukh or चिरैया Chiraiya.		
Light	•••	•••	•••	ज्ञसन्दस Asres or ज्ञसन्तेखा Aslekha.		
Dark				मरघा Maggha.		
l		•••	***	पुरवा फागुनी Purba Phaguni.		
Light	•••	•••		of उतन्त्रा फ्यानी Utra Phaguni.		

- 1083. The year current in Bihār is the Fasli year, which commences with the Hindu month of Āsin. The year is also popularly* divided into three seasons, viz. the hot (गरमी garmi), the wet (गरमा barkha), and the cold (जाड़ा jāra). The hot season commences in फागुन Phāgun, the wet in खाड़ Akhārh, and the cold in कातिक Kātīk. The following rhymes, some of which will be found also in Carnegy's Kachahri Technicalities, are current over the greater part of Northern India, and show the various seasons for agricultural operations.
- 1084. Cultivation commences in Jeth, in the asterism of Rohni, when ploughing and sowing begin. The rain of Mirgsira is not good, and hence no sowing is done in that asterism. In Aradra sowing is recommenced and transplanting is done for the winter (aghani) crop. This goes on into Punarbas and Pukh if the rains are late. In Magha and Purba Phaguni the urid, kurthi, and other pulses are sown. In Hathiya rain is very important, both for the winter crops and for the sowing of the spring (rabbi) crops. In former days (say cultivators) the rains used to stop in Swāti, which was very good for the crops, but now they end in Hathiya. So valuable is the rain of Swāti that any drop which falls during that asterism into a pearl-oyster becomes a pearl. That is how pearls are made. The rain in Chitra, on the contrary, is very bad.

मन्धा लगावे घन्धा, सिवाती लावस टाटी। कहतारी हाथी रानी, हम हूँ हवात बाटी।

Maggha lagāwe ghaggha, sivāti lāwas tāti, Kahtāri Hāthi rāni, ham hūfi āwat bāti.

-Maggha brings rain-storms, Swāti brings a screen (i.e., rain stops), and Queen Hathiya tells (by her thunder) that she is coming.

फाग्र कराइ चैत चुक किर्त्तिक नदृष्टि तार। खानी नदृष्टि भाख तिस्र किर गण डाक गोसार॥

Phāgu karāi, chait chuk, kirttik natthahi tār, Swāti natthahi mākh til, kahi gae Dāk Goār.

^{*} Astrologers and poets count six seasons, but the above is the popular division.

—If it rains in the month of Phagun, urid is spoilt; if in the month of Chait, lemons;* if in the asterism of Krittika, the toddy palms; and if in that of Swati, beans and sesamum, saith Dak, the Gowala.

जी बरसे बेसक्खा राज। एक घान में दोबर चाज॥

Jaun barse Baisakkha rāu, Ek dhān men dobar chāu.

--If King Baisākh (April-May) rain, every grain of paddy will produce two of rice.

क्रिसिका चूए को खे सूए। जाँ रोसिकी नासिं कादो करे॥

Krittika chūe chhau le mūe, Joñ Rohini nāhiñ kādo kare.

—If it rains in Krittika, there will be no rain for the six following asterisms, provided Rohini makes no mud.

Krittika is the best asterism for sowing china (panicum frumentosum): hence they say in Tirhut—

जब जनिच्ठ खरचाक चीन। क्रिनिका में तूँ बोर्च्ठ चीन॥

Jab janiha kharchāk hīn, Krittika men tūn boiha chīn.

—If you find your stock of food becoming exhausted, sow china in Krittika.

भिरमिश तबय रोहिनि खबय खरदरा जाय बदबुदाय। कहे डाक सुनु भिन्नरि कुत्ता भात न खाय॥

Mirgsira tabay Rohini labay aradra jāy budbudāy Kahai Dāk sunu Bhillari, kutta bhāt na khāy.

—If Mirgsira is hot, Rohini rains, and Aradra gives a few drops, saith Dāk, hear, O Bhillari, (rice will be so plentiful that) even dogs will turn up their noses at it.

^{*} चुक chuk is a mess of lemons kept for fermentation, and is here applied to the fruit on the tree.

1085. The rain of Aradra (middle of June) is of considerable importance to the future crops: thus—

चदन्रा भाँस जे बीए साठी। दुख के मार निकालत खाठी॥

Adra māns je boe sāthi, Dukh ke mār nikāla lathi.

-If you sow sixty-day rice in Aradra, you strike distress with a club and drive it away.

चादि न वरि चरदरा इस न वरि निदान। कहिँ डाक सुतु भिक्षरि भए किसान पिसान॥

Ādi na barse aradra, hast na barse nidān, Kahahiñ Dāk sunu Bhillari bhae kisān pisān.

—If Aradra does not rain at the commencement, and Hathiya at its end, saith Dāk, hear, O Bhillari, the cultivator is crushed.

And—

पहत बरसे चरद्रा जतरत बरसे इस । कतेक राजा दाँड़े, रहे चनन्द गिरइस ॥

Charhat barse aradra, utrat barse hast, Katek rāja dānre, rahe anand girhast.

—If it rain when Aradra commences and when Hathiya is ending, no matter how much rent may be demanded, the householder is still happy.

चरदरा बरसे सभ कि हु हाँ। एक जवास पतर विन भाँ॥

Aradra barse sabh kichhu hān Ek jawās patr bin bhān.

—If Aradra rains everything grows (lit. is): only one, the jawās (Hedysarum alhagi), loses its leaves.

1086. Aradra and Punarbas are the two main asterisms of the month of Akhārh (June-July). This is the great month of the year for finishing the preparation of the fields, as the proverb says, जेकर दनस् अवदन्ता रे तेकर बारहो सास jekar banal akharwa re tekar bāraho mās,—he whose fields are ready in Akhārh, is ready also all the year round. If the rains are late, paddy sowing goes on as late as Punarbas or even Pukh, but this is rarely successful. These last two asterisms are usually devoted to transplanting, and not to sowing.

पुख पुनरवस बोए घान। मग्धा समलेखा कादो सान॥

Pukh punarbas boe dhān, Maggha aslekha kādo sān.

—Sow paddy in Pukh and Punarbas, and in Maggha and Aslekha mix thoroughly the mud (i.e. prepare the fields).

चरदरा धान, पुनरवस पैथा। गेल, किसान, जे बोए चिरेया॥

Aradra dhān, punarbas paiya. Gel, kısān, je boe chıraiya.

-Paddy sown in Aradra turns to plenty, in Punarbas it has empty ears, and sown in Pukh it turns to nothing.

1087. After Akhārh (June-July) comes Sāwan or Sāon (July-August), to which the following rhymes apply:—

साकोन सुकला सप्तमी इपि के जगहिँ मान। तीँ बिन मेघा बरसे जीँ बिन देव उठान॥

Sāon sukla saptami chhapı kai ügahıñ bhān. Tauñ lagi megha barse jauñ lagi deb uthān.

—If on the morning of the seventh day of the bright half of Sawan the sun rises obscured by clouds, it will rain up to the festival of the Deb Uthān (11th of the light half of Kātik, i.e. early in November).

साच्योन सुन्नसा सप्तमी जग के जूनिहें सूर। हाँको पिया इर बरद बरखा गेख बहि दूर।।

Sāon sukla saptami, ug ke lūkahiñ sūr, Hānko piya har barad, barkha gel bari dūr.

—If on the same day as that above mentioned the sun rises (clear) and afterwards hides itself behind clouds, drive away, my dear, your plough and bullocks, for the rain is very far off.

साचीन सुकला सप्तमी, उदें जो देखे सान । तुम जाची पियां मांलवा इम जेवाँ सुलन्तान ॥

Sãon sukla saptami, udai jon dekhe bhan, Tum jão piya Mālwa, ham jaibon Multān.

—A cloudless morning on the same day (is a sure sign of drought). My dear (let us leave the country,) I am going to Multan, and you can go to Malwa.

चाचीन सुकला सप्तमी रैनि चौँ हि मसियार। कह भड़र सुतु भड़ुरि परवत उपजय सार॥

Sāon sukla saptami, raini hoñhi masiyār, Kah Bhaddar sunu Bhaddari, parbat upjay sār.

—If on the same date the night is dark, saith Bhaddar, hear, O Bhaddari, excellent crops will grow even on a mountain.

चाचीन सुकला सप्तमी, कों गरजे चाधी रात । तुम जाची पिथां मांखवा, इस जैबों गुजरात॥

Sāon sukla saptami, joñ garje ādhī rāt, Tum jāo piya Mālwa, ham jaibon Gujrāt.

—If on the same date it thunders at midnight (there will be a drought), you must go to Mālwa and I to Gujrat.

करके भौजे कॅकरी, सिङ्गगरजे जाए! कर भड़र सुत्त भड़रिक्तचा भात न खाए॥

Karke bhīnjai kankri, singh garjai jāe, Kah Bhaddar sunu Bhaddari, kutta bhāt na khāe.

—"If in Cancer (Sāwan, July-August) the gravel is wet, and Leo (Bhādon, August-September) passes by with thunder," saith Bhaddar, "hear, O Bhaddari, rice will be so plentiful that even dogs will refuse it."

साखीन पक्वा भादव पुरवा खासिन बहे ईसान। कातिक कना सिकिसी न डोले कतय के रखबड धान॥

Sāon pachhwa, Bhādab purwa, Āsin bahe īsān, Kātīk, kanta, sikio na dole kutay ke rakhbah dhān?

-If the west wind blow in Sawan, the east in Bhadon, and the north-east in Asin, and if there is so little wind in Katik that even the reeds do not shake, where, my dear, will you have room to keep your rice? (i.e., you will have a bumper crop).

साचीन मास बहै पुरवैद्या बँचह बरद कीनह ग्रीया।

Sāon mās bahai purwaiya, benchah barad kīnah gaiya.

—If the east wind blow in Sawan, sell your bullooks and buy cows (it will be no use trying to plough).

सास्रोनक पद्मवा दिन दुर चारि। चूल्हीक पाका सपने सारि॥

Sāonak pachhica din dui chāri, Chūlhīk pāchha upje sāri.

-If the west wind blow in Sawan for only two or three days, rice will grow even behind your hearth.

साचीन परेचा महि भरे। भादौँ पुरवा पथल सड़े॥

Sāon pachhea mahi bhare, Bhādoñ purwa pathal sare.

—If the west wind blow in Sāwan, the land will be flooded; and if the east wind blow in Bhādon, (it will rain so that) the very stones will melt.

के न भरे खसरेखा सम्या। फोर भरे खसरेखा सम्या॥

Je na bhare Asrekha Maggha, Pher bhare Asrekha Maggha.

- —That which is not filled up with water in Asres and Maggha has no chance of being filled up till they come again next year.
 - 1088. To Bhadon (August-September) the following apply:-

South Munger-

पुरवा रोपे पूर किसान। साधा ववरी साधा धान॥

Purwa rope pūr kesān, Ādha ghaghri ādha dhān.

—If a cultivator does not finish transplanting before Purwa (i.e. Purba Phaguni), half his crop will be paddy and half chaff.

जी पुरवा पुरवेचा पावे। सुखले नदिया नाची बदावे॥

Jauñ purwa purwaiya pāwe, sukhle nadiya nāo bahāwe.

—If the east wind blows in the asterism of Purwa (i.e. Purba Phaguni), there will be so much rain that ships will float in the dried-up beds of rivers.

Closely connected with this is the following :-

एरवा पर जी पक्वा बहे। विश्वं सि रीड़ बात करे।
प्रह दोनों के रहे विचार। ज बरसे ई करे भनार॥

Purva par jauñ pachhwa bahai, bihañsi rāñr bāt karai, Eh donoñ ke ihai bichār ū barsai ī karai bhatār.

—If the west wind blows during Purwa, and if a widow chats and smiles, from these facts you may judge that in the first case it will rain, and in the second case she is going to marry a second time.

With this may be compared—

तीतिर पख मेघा अड़े, सो विधवा सुसुकाण। कहे डाक सुतु डाकिनि, अ वरसे दे आए॥

Titir pakh megha ūre, o bidhwa musukāė. Kahe Dāk sunu Dākini, ū barse ī jāë.

-" When the clouds fly like the wings of the partridge, and when a widow smiles," saith Dāk, "hear, O Dākini, the one is going to rain and the other to marry."

स्रक करे बदरी सनीचर रहे काण। ऐसन बोले अबुदि बिन बरसे नहिँ जाण॥

Sūk kare badri sanīchar rahe chhāe, Aisan bole Bhaddari bin barse nahiñ jāe.

-A cloudy sky on Friday and Saturday is a sure precursor of rain.

सास्रोन के पुरवा, भादोँ पिक्सा जीर । बरधा बेंचन सामी, चलन देस का स्रोर ॥

Sāon ke purwa, bhādoñ pachhima jor, Bardha bencha sāmi, chala des ka or.

-My husband, let us sell our bullocks and leave the country if there is east wind in Sāon and a strong west one in Bhādoñ.

The following is current in Tirhut:-

कुभी चामरास चौटी चान। चन की रोपवर धान किसान॥

Kusi amāwas chauthi chān, Ab kī ropša dhān kisān. —After the Kusi Amāwas (the festival of the 15th Bhādon, on which Brāhmans dig kus grass), and the Chauk Chanda (the moon of the 19th of Bhādon, O cultivator! you neede not plant out paddy.

जतरा में जिन रोपक भेया। तीन धान सोए तेरह पैया॥

Utra meñ jani ropahu bhaiya, Tīn dhān hoe terah paiya.

—Do not transplant in Utra Phaguni, for you will only get three grains to thirteen empty husks.

रातुक कागा दी तुक सियार। कि भरी बादर कि उपटार॥

Rātuk kāga dīnuk siyār, Ki jhari bādar ki uptār.

-If the crow speak by night, and the jackal by day, there will be either a rain-storm or an inundation.

चौचा बौचा बच्चे बतास। तक दोला बरखा के चास॥

Aua baua bahe batās, Tab hola barkha ke ās.

- -When the wind blows from all four quarters, there is hope of rain.
- 1089. To Asin (September-October) the following apply:-

स्थिया बरसे तीन सोत वा, सक्कर, साली, नास, । स्थिया बरसे तीन जात वा, तील, कोदो, कपास।

Hathiya barse tīn hot bā, sakkar, sāli, mās, Hathiya barse tin jāt bā, tīl, kodo, kapās.

—Rain in Hathiya produces three things,—sugar-cane, rice, and pulse; and destroys three things,—sesamum, kodo, and cotton.

With this may be compared-

चदरा गेल तीनि गेल, सन साठी कपास । दाविया गेल सम गेल, दानिल पादिल चास ॥

Adra gel tīni gel, san, sāthi, kapās; Hathiya gel sabh gel, āgil pāchhil chās. —Want of rain in Aradra destroys three crops,—hemp, sixty-day rice, and cotton. But by want of rain in Hathiya every thing is ruined, both what has been sown and what will be sown.

ष्टिया बरिसे, चितरा मेंड्राय। घर बेसे धनचा रिरियाय (or खगराय)॥

Hathiya barise, chitra meñrrāy, Ghar baise dhanha ririyāy (or agrāy).

—If Hathiya rains, and (the clouds of) Chitra hover about, the paddy-cultivator sits at home and utters cries of joy.

चितरा बरसे माटी मारे। चारो भाद गेंदर ने कारे॥

Chitra barse māti māre, Āge bhāi gerui ke kāre.

-Rain in Chitra destroys the power of the soil and is likely to produce blight.

श्वाधा चित्रा राइ सुराइ। श्वाधा चित्रा जो केराइ॥

Adha Chitra rāi murāi. Ādha Chitra jau kerāi.

—In one-half of Chitra sow mustard and radishes, and in the other half barley and pease.

1090. To Katik (October-November), the following apply:-

प्रको पानि जाँ बरसे खाती। कुरमिन पहिरे सोना पाती॥

Eko pāni jon barse Swāti, Kurmin pahire sona pāti.

—If a single shower come in Swati it enriches people so much, that even Kurmi women get golden earrings to wear.

वैद विदित ना होखे सान । विना तुला नहिं फूटे धान । सुख सुखराती देव खठान । तकरे वरहे करस नेमान ॥ तकरे वरहे खेन खरिसान । तकरे वरहे कोठिए धान ॥

Bed bidit na hokhe ān, bina Tula nahiñ phūtai dh īn, Sukh sukhrāti deb uthān, takrai barhai karah nemān, Takrai barhai khet kharihān, takrai barhai kothie dhān.

- -What has been written in the Vedas cannot happen otherwise, and paddy cannot ripen before the balance (i.e. Libra = Kātik = October-November). From the festival of the Sukhrāti (i.e. the Divāli) to the Deb Uthān (11th of the light half of Kātik) there will be happiness. On the twelfth day after that, hold the festival of eating the new grain; on the twelfth after that, heap up the corn on field and threshing-floor; and on the twelfth after that, put the grain in the store-house.
- 1091. The following are the signs of the stoppage of the rains:-

कप के जरे तो का भये, निरमल रैनि करना। कीये जल देखिएत सगरा, कामिनि कूप भरना॥

Chhap ke ugai to kya bhaye, nirmal raini karant, Kiye jal dekhiha sagra, kāmini kūp bharant.

—It matters little if the sun rises obscured by clouds, because when the nights are clear (the rains will stop). You will only find water in the sea, and women will have to go to the wells for water.

रात निबद्दर, (or रातुक चक्तमक) दिन के क्या। कचें घाष जे बरखा गया॥

Rāt nibaddar (or rātuk chakmak), din keñ chhaya, Kaheñ Ghāgh je barkha gaya.

—If you see a cloudless night and a cloudy day, be sure, says Ghāgh, that the rains are at an end.

बोसी सुबरी, पूर्व कास। सब नारी बरला के सास॥

Boli lukhri, phūle kās, Ab nāhīñ barkha ke ās.

The barking of the fox and the flowering of kās grass are signs of the end of the rains.

जगे खगस बन पूर्वे कास। खब नाहीँ बरखा के खास॥

Uge agast ban phūle kās, Ab nāhīñ barkha ke ās.

The appearance of the star Canopus and the flowering of the kās grass in the forest are signs of the end of the rains.

काँसी क्रूसी चीठ के चान। खब का रोपवठ घान किसान॥

Kānsi kūsi chauth ke chān, Ab ka ropba dhān kisān.

-If the kās grass and the kūs grass flower on the fourth of the light half of Bhādon, why do you plant out, O cultivator (for the rains are stopped)?

1092. The following refer to the dry season:-

श्वगदन दोवर, पूस खौड़ा। साध सवाइ, फागुन वरसे घर हू के जाई,

Aghan dobar, Pūs dyaurha, Māgh sawāï, Phāgun barse gharhu ke jāi.

—If it rains in Aghan, you will get double an average crop; if in Pūs, one and a half; if in Māgh, one and a quarter: but if in Phāgun, then even (the seedlings which you brought from) your house will be lost.

खगहन जे बरसे मेघ, धन चो राजा धन चो देख॥

Aghan je barse megh, Dhan o rāja dhan o des.

-Happy are the king and people when it rains in Aghan.

पानी बरसे आधा पूस । आधा गेकुं आधा भूस ॥

Pāni barse adha Pūs, Adha gehūñ adha bhūs.

-Rain in the middle of the month of Pus (i.e. early in January) will give you half wheat, half chaff.

माघ के गरमी, जैठ के जाड़,। पिंच्या पानी भर गैल ताड़। घाघ करें इस डोंबी जोगी। क्रुक्षी का पानी घोर्से घोनी॥

Māgh ke garmi, Jeth ke jār, Pahila pāni bhar gail tār, Ghāgh kahen ham hobauñ jogi, Kūān kā pāni dhoihen dhobi. -Heat in Māgh (January-February), cold in Jeth (May-June), and the tanks filled with the first fall of rain (are signs of a drought).

I'll become a beggar, says Ghāgh, and the washermen will wash with well-water.

चैत के पहें आहा। भाटों के पहें आहा माद्य के पका।

Chait ke pachhea, Bhādoñ ke jalla, Bhadoñ ke pachhea, Māgh ke palla.

- —The west wind in Chait (March-April) means rain in Bhādoñ (August-September), and the west wind in Bhādoñ means frost in Māgh (January-February).
- 1093. It will now be of advantage to compare the above with a native account of the behaviour of the asterisms preceding the famine of 1873-74. The poet Phatūri Lāl, in his tale of the famine, says as follows:—

June 1873.—Rohni is the first asterism of the rainy season; but,

Rainfall in Tirhut about as it came, it departed without rain.

Mynggyn, folially ann benea for it asserts.

4 inches. Mirgsira fulfilled our hopes, for it gave a few drops of rain and departed.

July.—Aradra passed by with great majesty, thundering on every side.

Rainfall about 6½ inches, of which 4 inches were in the second week and 1½ inches in the last week.

Punarbas is a very holy asterism, but it was also a miser.

PUKH saved the face of the earth, but it became

the end of the rains.

Rainfall about 43 inches.

August.—Askes rained upon such of the seedlings as did rise.

Magha was as poor as a beggar.

Rainfall about 4 inches.

September.—Purba Phaguni gave no proof of his existence by rain.

UTRA PHAGUNI did not give even a drop to swear by.

October.—HATHIYA was like an elephant (hāthi) who put his trunk in his mouth.

Rainfall nil.

CHITRA was only a robber and a murderer.

November.—Swati was put to public disgrace.

Rainfall nil.

DIVISION VII.

CATTLE AND OTHER DOMESTIC ANIMALS.

CHAPTER I.—CATTLE GENERALLY.

1094. Cattle generally are known as मनेशी maweshi, मान māl, or मान नाम māl jāl. Other names are नीमा chaua north of the Ganges, चूर dhūr in Patna and Gaya, and बरमा bardha in South-West Shahabad. A head of cattle is राम rās, and in Patna and Gaya also चूर dhūr. Horned cattle, exclusive of buffaloes, are गोइ goru or गाम गोइ gāy goru; also चूर डॉगर dhūr dāngar in Patna and Gaya. In Sāran डॉगर dāngar means cattle worn out from old age. In North-East Tirhut they are called चटन latal. A worn-out, useless cow or buffalo is said to be इटाइ tutāh or चूट गेम tūt gail north of the Ganges, or in North-West Tirhut चेम्बान behwāl. In Patna the term is चौंचा thaunsa, in Shahabad चक्रमन thahusal or चौचन thausal, in Gaya नकाइर nakādar, and in South Bhagalpur चटानो uthāno. Dead cattle are डॉगर dāngar in Shahabad and मरी mari in East Bihār.

CHAPTER II.—BULLS.

1095. A bull is चाँद sānrh when branded with sacrificial marks and let go, and घाकर dhākar when not so branded. चौभर chaubhar (Patna and Gaya) or घकर बोच dhakarchhoh is an imperfectly castrated bull, and विवय्दामो binhāmo is a bull to the south-east.

CHAPTER III.-BULLOCKS.

1096. A bullock is बर्घ baradh, also in Patna, North-West Tirhut, and in Shahabad optionally बर्ट or बड़्ट barad. To the west it is also called बेंच bail, and in Gaya बूर dhūr or पैरा paira. Plough-bullocks are called इराची harāthi to the east. The pair are called कोड़ा jora. In a team of three bullocks the wheelers are called बूरी dhūri

or घुरिया dhuriya to the west, and जोड़ी jori to the east. The leader is बाँड़ binr or बिंडिया binriya to the west, and जिही jhitti or बाटा nāta to the east.

1097. A yoke of well-bullocks is called मोटन्हा बर्घ motha baradh. The bullock which works blindfolded in an oil or sugar-cane press is called बाटा nāta or कोल्ह्या बेस kolhua bail. When there is ploughing going on or a cart being pulled by the aid of three bullocks, of whom only two are yoked at a time while the third one rests, the three are called बेस्टा tedhura or (in East Tirhut) वेष्ट्री tedhri, or in Patna टेपट्टा tepta. Similarly when there are four bullocks, of whom two rest while two work, the team is called चोबर chaukhar or चोबरिया chaukhariya or चरवर या charbardha, or in South-West Tirhut घरवार pherwār. In the case of ploughing, the boy who looks after the unemployed bullocks is called in North-East Tirhut घरवार anwāh.

1098. Bullocks are distinguished by various peculiarities, such as the following:—

A bullock unbroken to work is चदारी adāri, also चदार adār in Tirhut, in Shahabad, and in South Bhagalpur. In Patna and Gaya he is भौदार audar, in South Munger को abon. One that sits down at work is veet parua to the west, and north of the Ganges कोडि korhi.* In South-West Shahabad he is गरियर gariar, in Shahabad and Gaya नर gar, and in Patna मनन्तीही mankorhi. A vicious bullock is मरव्याच markhah, also मरव्याचा markhanda in Patna, मरव्यक्री markhanno in East Bhagalpur, and मरन्खन markhan in Gaya. In South-West Shahabad the words मर-कचा markaha and जन-चा latha are used. A shving bullock is फोफरियाइ phephriyāh to the north and west, and fusant chihukar or extent harkah north of the Ganges generally. In South-West Shahabad he is बँदिया bandiya, in the rest of the district सकार manjhar, in Patna and Gaya भरन्ताहा bharkaha, and to the southeast इरन्काका harkaha. To butt is कर्पेटल hur petal in the west and सार्व mārab in Tirhut. In Patna and the east it is देंच भारव dhuns mārab, and to the south-east दूस सारव dhus mārab or दूसा सारव dhusa mārab. In Gaya it is दुखियापन dhusiyāëb, and such a bullock is दुखन्मार dhusmār or इतियाचा dhusiyāha. To break in cattle is तैवारे जीतच tewāre jotal to the west. In Tirhut it is पाट खगाएव or जीतव pat lagaëb or jotab. In East Tirhut it is पाण्ड चुनाएन pāët ghamāëb, And in Gaya पीरी में ज्ञोतन piri men jotab. In Shahabad निकास । nikāsal, in Patna डचन्रापन

^{*} Compare the proverb को दिवरद के फेफिड बद्दत korhi barad ken phephari balad,— it is the lazy bullock that snorts and shies.

- daghrāëb, in Gaya उपन्तापन dahrāëb, in South Munger गोचन्तापन gohrāëb, and in South Bhagalpur कृतियापन chhatiyāëb, mean to cause an animal to get up and to drive it along a village-road.
- 1099. A stunted bullock is नन-किरन्या nankirwa, नाटा nāta, or नटन्या natwa. A dwarf bullock is गैना gaina.
- 1100. A bullock whose horns project in front is घाँचा ghoncha north of the Ganges and in Patna and South Bhagalpur, also घाँचा ghompa in East Tirhut. In Shahabad it is घाँचाचा ghonchica, in Gaya घाँचर ghonghar, in Patna also घाँगारा ghongra, and in South Munger घाँचरा ghonghra.
- 1101. A bullock one of whose horns is erect while the other hangs down is सराज्यताची saragpatāli (literally pointing to heaven and hell) or सरङ्ग्यताची sarangpatāli. He is also called देव deb in Champāran and West Tirhut, कॅसास्री kansāsuri in South-West Shahabad, पताच सिङ्घी patāl singhi to the south-east.
- 1102. A bullock whose horns join in the centre is নীৰিত্বী gausinghi in South-West Tirhut, and বিঁশ-বৃত্তা singjutta or বিঁশ-বৃত্তা singjutal generally.
- 1103. A bullock whose horns are loose and are turned down is called मैन maina, or in Patna and the south-east मैन main.
- 1104. A bullock whose horns are curled like a ram's is भेंड्न्वा bheñrwa, भेंड्ड bheñr, or भेंडन्वा mendhwa.
- 1105. A bullock one of whose horns turns to the right and the other to the left is चानर chātar, or चनः ा chātra when they are small and flat. When they are large, he is called फडाइ phathāh or फडाइ। phathāh. In North-East Tirhut he is फरक-का इा pharakj hāra.
- 1106. A bullock with stunted horns is मुडन्रा muthra or मुडिया muthiya generally, but in Shahabad it is मुडास muthāl or मुडस muthail, and in Gaya मुडरिया muthariya.
- 1107. A bullock with no horns is मुंड्डा munrera in Sāran, सुखा bhunda in Champāran, भूड़ा bhūnra or मुंड्डवा bhunrua in Shahabad, मूंडा mūnra in North-East Tirhut, and मुखा munda in Gaya and the rest of Tirhut, मुङ्खा murla in South-East Tirhut, Patna, and South Munger, and मुड़ा mūra in South Bhagalpur. Other names are दुंडिया dunriya in South-West Shahabad and उटा thūtha in South-East Bihār.

- 1108. A bullock with only one horn is ত্ৰান্তিৰ eksingha or বিষয়হা singhtutta.
- 1109. When a bullock has a broken tail he is called बाँझ bānr or बाँझा bānra north of the Ganges and to the south-west, also बाइन nārha in East Tirhut and the south-east. In Gaya and Champāran he is बाइन banda, and in Patna इन्हा landha or बाइन bandha. In South Munger he is खाँदा lānrha. The opposite to this is पाँदावा ponchwāla.
- 1110. A bullock with its ears covered with long hair is आवर hābar to the east and अवस्ता jhabhra to the west. One with crooked eye-brows is भौजा डेर bhauñāñ ter or भौजा डेर bhauñāñ der, also in South Munger भावा डेरा bhāñvāñ dera.
- 1111. A bullock not used for agriculture because it has excrescences (representing Shiva) on its body, but purchased by religious mendicants, is known as जरूरा jataha or नगरा basaha. Other local names are जरूराना jathāwa in Shahabad and जरो jato in South Bhagalpur. It is the bullock ridden by Shiva.
- 1112. A इत्या chherua or याच्या badhiya is a castrated animal, as distinguished from the याँद sānrh or entire bull devoted and let go. The sacred marks placed on this last are the तिरम्ह tirsūl or trident and the चहार chakkar or discus.
- 1113. The following rules for selecting cattle are current throughout Bihār:—

वैश्व वेसाई प्रश्नुह कन। वैश्व वेसिह्ह दू दू ना॥
काक कसीटी साँखोर वान। दे हाड़ि किनिह सित खान॥
जब देखिह क्ष्मधीर। टाका चारि दीह उपरौड़॥
जब देखिह मैना। तब प्रहि पार में करिह बैना॥
जब देखिह वैरिया गोस। एट वैट के करिह मोस॥
जब देखिह करिया कन। कैसा गोसा देखह असु दन॥

Bail besāhai chalalah kant, bail besahiha dū dū dant, Kāchh kasauti sāñor bān, ī chhāri kiniha mati ān. Jab dekhiha rūpadhaur, tāka chāri dīha uparaur, Jab dekhiha maina, tab ehi pār san kariha baina. Jab dekhiha bairiya gol, uth baith kai kariha mol, Jab dekhiha kariyawa kant, kaila gola dekhah janu dant.

-My dear, you have started to buy a bullock, be sure and buy one with only two teeth. Do not buy any which is not some shade of grey; but if you see a pure white one, you may

advance your price four rupees. If you see one with loose horns, give handsel without crossing the road (to look at it more carefully, i.e., it is sure to be a good one). If you see one with a red head and a light red body, don't buy till you have had a good look at it. But, my dear, if you see a black, or a yellow-grey, or a red one, don't take the trouble to look at its teeth.

The following is a warning against two kinds of bullocks:-

सरम पताली भी काँ टेर। चम्म खाय, परोसिया हेर॥

Sarag patāli bhauñāñ ter, Appan khāy parosiya her.

—A bullock with horns pointing up and down, or one with crooked eye-brows, injures its master and the neighbours as well.

CHAPTER IV.—COWS AND BREEDING.

- 1114. A cow is जो gau or नाय gāy. One that has had one calf is known as a पिंचींट or पिंचींट नाय pahiloth or pahilaunth gāy. Sometimes these words are spelt with z t instead of with z th. A cow or buffalo within six months after calving is चेन dhen generally. In North-East Tirhut it is चेचन dheün or चेच dhenu, in Patna and the south-east चेन dhenu, and it is also चेन dhenu in Patna. After this she is चेन baken, or (in Shahabad and the south-east) चेनेन bakena. A cow that calves yearly, or that never stops milking, is प्रविधा purahiya north of the Ganges. A cow that breeds when five years old is प्याक् pachār. In Shahabad and Patna she is चन-पुरही dhanpurahi, in Patna (also), Gaya, and South Munger चर-चाइन barsāin, and in South Bhagalpur परिचा poraiya. A barren cow is चिंचा bahila generally, also उच्चा thahra in South-West Shahabad.
- 1115. To be covered by a bull is बराधियाण्य bardhiyāëb or परियाण्य pariyāëb, and also south of the Ganges बराइएप bardāëb. Another general term is पास साण्य pāl khāëb. To copulate (of animals) is बाइब bāhab, also in North-East Tirhut चोडाण्य ohāëb. In regard to buffaloes, भैंसाण्य bhainsāëb may also be used, and of a goat समाराण्य chhagrāëb to the west.

- 1116. A cow in calf is बरन्दाण्ड bardāël or गाभिन gābhin. In South Bhagalpur she is फरन्डी pharli. The act of calving is विद्यान biyān or विद्यान biyāna. South of the Ganges भोज देव jhol deb is to give birth to a number of young, e.g. in South-West Shahabad a man was heard saying इसार केरी दू भोज बच्चा दिख्य चैंड hamār chheri du jhol bachcha dihlas ha,—my goat has dropped kids on two occasions.
- 1117. A cow that is a good milker is दुवार dudhār or दुवार dudhāri.*
 One which gives milk for one and a half years is देवह dewarh, or in North-East Tirhut बर्द्ध barkhu. A cow or buffalo that has gone five months in calf, or that has given milk for five months, is बद्दरीय sahros north of the Ganges, and also प्रदिया purāhiya in North-East Tirhut. One that gives little milk is चौदी chonrhi or चौद chonrh, also चौरानी chorni, and in Tirhut चौद dhonchh. In Shahabad it is नददर nathāhar, and in South Bhagalpur चौद chaunr. A cow that kieks at the time of milking is राज्यन्द karkat, or in Tirhut खाराइ lathrāh.

CHAPTER V.—CALVES.

1118. A calf as long as it is unweaned is चेह leru. A male calf is बाहा bāchha, बहाना bachhva, or बहान bachhru, and a female calf बाहो bāchhi or बहिना bachhiya when they are from 1½ to 3 years old. When a calf has two teeth, it is दोहान dohān north of the Ganges and in Shahabad. In the rest of Shahabad it is दुहन dudant, and elsewhere दोहना dodant or दोहना dodanta. In West Tirhut it is दोख बेख dohh bail. When it has not yet got its true teeth it is called घटना udant, or to the east घटना adant. चोचर osar, or to the west कचोर kalor, is a heifer ready for the bull. In North-East Tirhut she is जोर gaur, in Patna चेटाइन phetāin, and in South Bhagalpur चेकिएसा ankariya. In South-East Tirhut चेर thair is a two-year old heifer. Full-grown cattle are तेसार taiyār. In calculating roughly the age of pack-bullocks, the word नोच taul, or in Gaya पूर pūr, is used. Thus एक नोच ek taul or एक साथ के तीख ek sāl ke taul, one year full-grown; दू तीख du taul, two years full-grown; and so on, the counting commencing from

^{*} Cf. the proverb जाही ते निक्क पाइए सहिए नाउद बेन; जात जात मुम्लार ते सहत इचारि बेन jāhi teñ kichhu pārai, sahiai karui bain; lāt khāt chuchukār teñ sahat dudkāri dhen,—from whomsoever you expect to receive benefits, you must bear abusive words; even while being kicked by a milch-cow, a man will endure its actions and pat it.

1119. Coaxing a cow that has lost its calf to eat grain is called सोरिया toriya, or in South-East Tirhut वचन्त्रिया ghasturiya. In South Bhagalpur it is called कोरियान toriyān. The same words are used for reconciling a cow or a buffalo to its newly-born calf by smearing the latter with sugar. A kind of hair string used for tickling a cow with a similar object is the selh or the selh; and to do this is the danwal in the north-west and सेव्ह्न selbal in South-West Tirhut. Sometimes the skin of the calf stuffed with hay is put before a cow which has lost its calf, especially at milking time. Salt is sprinkled on it and the cow licks it and lets her milk flow. The stuffed calf is called खगावन lagāwan north of the Ganges. In South-West Shahabad it is called efents khalitari, in the rest of the district at maur. in Patna करन्ती karchi, and in Gaya करन्ती सूरी karti mūri. The kind of food given to cows when they calve is पखेंव pakheo to the west and in Patna : also पदेवा pakhewa in South Munger. In North-West Tirhut it is चौदाट chohāt or च्याइ chuhār, and in North-East Tirhut चोहेर chohair. In South-East Tirbut it is a set mahela, and generally agreet masāla. In Gaya it is प्रसन्दे pustai.

CHAPTER VI.-BUFFALOES.

1120. A male buffalo is भैंचा bhainsa, also महिचा mahisa in East Tirhut. A female buffalo is भैंच bhains or भैंची bhainsi; also महें bhain north of the Ganges, and महिच mahis or महिची mahisi in East Tirhut. A buffalo calf is पड़क parru or बड़क karru. A male buffalo calf is पड़ा pāra or काड़ा kāra, and a female one पाड़ी pāri or काड़ी kāri. A well-known proverb is चेन महिची चर, पड़क्डि मार khet mahisi char, parruhiñ mār,—buffaloes are grazing in the fields, beat the calves, i.e., in a fight the smaller men get caught, and the richer and more powerful real

culprits get off. In Patna and the south-west जोचर lochar is a two-year old buffalo. In Gaya it is टेशन tehān. A buffalo with two teeth, i.e. three years old, is प्र pas.

CHAPTER VII. - GOATS.

- 1121. A goat is हर chher or बकर bakkar. A he-goat kept for breeding is generally बोका boka. General names for all male goats are बार्ग bakra, खसी khassi, or बंसी khañssi. Other terms are बागर chhāgar or बोक-ड़ा bokra (North-East Tirhut), बोन botu (Patna) or बोको boto (South-East Bihār), बोबड़ bīyar (South-West Shahabad), and बिचड़ biahan (rest of that district). A she-goat is बकरी bakri or हरी chheri, also बारी chhagri to the east. A castrated goat is specially खसी khassi or बसी khañssi in Tirhut and south of the Ganges. North of the Ganges the general name is देवा chherua.
- 1122. A kid is पडन्ह pathru. A male kid is पाटा pātha or मेसन्ना memna, and a female पाटी pāthi, पटिया pathiya, or मेसन्नी memni. In South Munger it is sometimes called चक्क bakru. A goat kept for sacrifice is called south of the Ganges पडन्ह pathru, but when kept for other sacrifices it is called चस्ती khassi.

CHAPTER VIII.-SHEEP.

- 1123. A sheep is भेंड़ bheñr. A ram is भेंड़ा bheñra or (in South Bhagalpur) भेंड्रो bheñro, and a ewe भेंड्रो bheñri. A lamb is भेंड्रिक बच्चा bheñrik bachcha, also पउन्ह pathru and बकन्ह bakru in Tirhut. भेमन्ना memna is also used in South-East Tirhut.
- 1124. A flock of sheep or goats is मुख jhund or मूड़ jhūnr; also बेड़ jer in East Tirhut, हेड़ her in West Tirhut, and जेड jel in South Tirhut. A flock of about twenty is चेंडड़ leñhar, and of about one hundred बाम bāg. गेंडड़ gahenr is a still larger flock of four or five बाम bāg. In South Bhagalpur खबरो kharuho, and in South Munger खबर saher, mean a flock of sheep.

CHAPTER IX.—PIGS.

1125. The general term is নুগ্ৰ sūgar or ভাষা sūar, also ভাষা dhoka in North-East Tirhut. Musalmān villagers call them euphemistically

चंद्र कीम bad kaum, or in North Tirhut and Patna बंद्र खोस bad khom (i.e., 'low easte'). Other similar names are दराम harām in Gaya, and बंद्र मोहन्दी bad mohri. A young pig is पाइद pāhur to the east, also (male) हदन्दा dahra north of the Ganges and in Gaya, दहन्दा tahra in Shahabad, होना chhauna in Patna and the west, and हाना chhāua in Gaya. Female names are दहन्दी dahri (also in Gaya) or हाई chhāi north of the Ganges, and इन्मी kumbhi in Gaya. A full-grown boar is पड़ा pattha or पडन्दा pathra in North-East Tirhut, and a full-grown sow is सोमन्नी somni in the same place. A pigsty is खोसाद khobhār, or to the west खोसाद khobhāri. In South-West Shahabad it is also खोसाद khobār, in South-East Bihār it is खसाद khabhār, and in Patna and Gaya it is बखोद bakhor.

CHAPTER X.—HORSES, MULES, AND ASSES.

- 1126. A horse is घोड़ा or घोरा ghora, and a mare घोड़ी or घोरी ghori. A common term for both is घोड़ or घोर ghor. South of the Ganges and in Sāran another word for a horse or mare is चर्चा charwa. A pony is टक्ट्र tattu, and a pony mare टट्यानी tatuāni, and also in Patna and Gaya महियान madiyān. A foal is घडेड़ा bachhera, and a filly बडेड़ी bachheri.
- 1127. To own a horse is a great piece of display according to Bihār ideas, as in the proverb इंड् गोट घोड़ी, जो गोट फोज derh got ghori, nau got phauj (spoken of one who makes display when he cannot afford it),—the owner of one and a half (i.e. two wretched) mares goes about (like a lord) with nine servants.
- 1128. An ass is गर्न्स gadha, a she-ass is गर्न्स gadhi, and an ass's foal गर्न्स के बचा gadha ke bachcha, or (in East Bihār and Shahabad) दोनी chhauni. An ass-driver is गर्न्स्स gadheñri. A mule is बच्च khachchar.

CHAPTER XI.-ELEPHANTS.

1129. An elephant is दायों hāthi, a male elephant is द्वा hattha, and a she-elephant दिवसों hathini, द्यानी hathini, or (in East Tirhut) संदानी medni, and in South-West Tirhut चोड़ी jorhi. A male elephant with small tusks is महना makuna. One with large tusks is पदा pattha.

1130. Elephants are tied up with a front foot-chain, which is बेड़ी beri or पेकर paikar, and also in South-East Tirhut कहुंचा chhanua. Its hind legs are chained with chains called उमी daggi or नहुर nangar, and also with a wooden hobble, called कटन्यन kathbandhan.

CHAPTER XII.—CAMELS.

1131. A camel is कॅट unt, also among Musalmans ग्राह्म shutur. Its young is called बोता bota in North-East Tirhut. Its nose-ring is बकेस nakel. कटन्या kathra or काटी kāthi is its wooden saddle, also called पसान palān in North-East Tirhut; and ग्रेस gadela or ग्री yaddi is the pad.

CHAPTER XIII.-STRAYING OF CATTLE.

1132. To stray is generally द्वरा जाएन hera jäëb; also in Sāran मूखा जाइन bhūla jäïl. Other terms are चनेर aner (or चनेरना anerwa) जाएन jäëb in North-East Tirhut, बद्दन्त bahkal or मॉरियाएन bhonriyāël in Shahabad, and बद्द जाएन bahat jāeb in Patna and Gaya. नयान bathān, and also in North-East Tirhut गोचाए goās, is a cattle enclosure. Other words are चेरा ghera, टाउ dhāth, and टाउा dhātha. ज्यान lambhab, जॉमन lāmbhab, or ज्ञान्द lāmhab, is to drive cattle into another's field to graze on the crops.

CHAPTER XIV.-COLOURS OF CATTLE.

1133. These are—

White.—This is चरक charak or चरन्का charka, with a variant चरन्को charko in South Bhagalpur. In Gaya it is द्याची rupādhau, and elsewhere also इपन्धर rupdhar or इपन्धीर rupdhaur. Another word is चंदरा chamura in North-West Tirhut.

1134. Grey of various shades.— घवर dhavar, घोर dhaur, or in Shahabad घावर dhāvar, is a light grey. चोकन sokan is a dark grey, केंच kail or केंचा kaila is a yellowish grey or cream-colour, and चिचेवा sileba or चिचेवे silebe, reddish grey. चाँवर sāmwar or चौरा saunra is a black grey. क्योडो kasauti and काच kāchh are shades of grey.

- 1135. Red.—A reddish cow is गोल gol, गोला gola, or गोलन्या golwa. A dark red one is लाल lāl. A cow with a red head and the rest of the body of a lighter colour is निर्या गोल bairiya gol. धुर-गोलो dhurgolo is another shade of red in South Bhagalpur. मझगोल mahugol means red like the mahua flower (bassia latifolia). In Shahabad this is मझखर mahuar, and in South Munger मझखला mahulakha.
- 1136. Yellow.—This is पीचर piar or पिचरा piara. ग्रहमन gahuman or गोडमन gohuman is wheat-coloured.
- 1137. Black.—This is कारी kāri, करिया kariya, करियन kariyawa, or (South Bhagalpur) करका karua.
- 1138. A spotted cow is काँस kāns, a brindle one बगन्दका bagchhalla (tiger-skinned), जाज बगन्दका lāl bagchhalla being a red brindle and सुफेट् बगन्दका suphed bagchhalla a white brindle. कर-कमा karkandha is one black on the shoulders. In Shahabad this is called करिकमा karikandha. गुजन्दार guldār is a spotted cow, and पाँच किजायान pānch kalıyān a piebald one, or more properly one with white stockings and a white blaze on the forehead.

CHAPTER XV.—HIDES.

1139. These are चमन्डा chamra, खाउ khāl, or चरन्या charsa. गोंदा gaukha is raw cow's leather. It is also called गोर्डा goīta north of the Ganges. भेंचीडा bhainsauta or (in South Bhagalpur) भेंचीडा bhainsautha is that of buffaloes. चाम chām is tanned cow hide. Sheep skins are खडान्डी khalri. A bullock's hide cut in two halves is चामा फारी ādha phāri or (North-East Tirhut) फाँकी phānki. The hides of cattle which have died a natural death are सुरन्दारी murdāri or सुरन्दार murdār, and those of killed cattle इंडाजी halāli. चादर sābar is tanned deer skin. A depôt for hides is चरन्या के गोदाम charsa ke godām. In South Munger चरन्या charsa is a cess paid by tanners to the landlord.

CHAPTER XVI.—CATTLE SLAUGHTER.

1140. A slaughter-house is चोकाना lokāna in Champāran, सनन्दर manhar in South-East Tirhut and Shahabad, and किचन्याना kilkhāna in South-West Tirhut.

- 1141. Another name in Shahabad is सुरन्द्यान gurdawān, and in Patna खूँट khūnt. Flaying and cleaning is कमीना kamīna or कमाना kamāna. A butcher is कमाद kasāi, but a goat-butcher is कमरक्षाव bakar kasāb, and a चिक्क chik* or चीक chīk kills both goats and sheep. The large knife used by them is बोगन्दा bogda, and also north of the Ganges द्विया dabiya. The block is देहा theha, कुन्दा kunda, or कुन्दी kundi. In South-West Shahabad it is खोड़ khor, and in South Bhagalpur it is परन्तदो parkattho. The string used for hanging up the animal to be flayed is खोकाना lokāna.
- 1142. A cultivator has many terms of abuse for his cattle. A favourite one is जाद करेंग खूँटा jāh kasaiya khūnta,—may you go to the butcher, or to the sacrificial stake.

CHAPTER XVII.-FEEDING CATTLE.

- 1143. To chew the cud is पग्री (or पाग्र) करन paguri (or pāgur) karab north of the Ganges and in Shahabad. South of the Ganges generally it is पश्रापन paghurāeb or पश्री करन paghuri karab. Local names are पाज करन pāj karab in Tirhut, कोरी करन kori karab or कौरी करन kauri karab in Patna and Gaya, and पन्डें करन galthai karab in South Bhagalpur.
- 1144. Cattle fodder, consisting of the stems of the जनेरा janera (Holcus sorghum) and similar green stuff, is cut with a chopper (see §§ 86 and ff.), and is known as जुड़ी kutti or जुटिया kutiya. In South Bhagalpur it is जुटन्री kutri, and in Patna कहा katta. The fodder for stall-fed cattle is गवत gawat north of the Ganges. Other names are जुड़ना lehna—current in Shahabad, गौत gaut in Gaya, and गौत दा gautha in Patna. A general word for fodder is चारा chāra, or in North East Tirhut चरी chari. गजरीटी gajrauti or (in Gaya) गजररीटा

बिग्र टक्क आ, चीक घन, ओ बेटिन के बाढ़। प्रकृ से धन न घटे, तो कारी बड़न से राड़।

Bipra tahalua, chīk dhan, o betin ke bārh. Ehu se dhan na gate, to kari baran serār.

^{*}It is unlucky to touch money received from these men on an inauspicious day. Hence the proverb:—

[—]If you cannot get rid of your wealth by having a Brāhman servant, keeping possession of money received from a butcher, or from excess of daughters, you will do it by fighting with bigger men.

gajrauta are stalks and leaves of the carrot (जानर gājar) given to cattle. The chopped up sugar-cane tops (जँड़ genr) given to cattle as fodder are called चाँड़ ageñr, &c., as described in § 1012. चाँडी chānchhi in North-East Tirhut is a cattle-food made of spring-crops cut before they are ripe and then dried. जानी sāni is the chaff and water on which bullocks are fed.

- 1145. To feed cattle is सानी पानी करव (or देव) sāni pāni karab (or deb). Another phrase current in Patna and Gaya is गौत देव gaut deb. A load of fodder is बोमा bojha, and also मोट mot in Patna, Gaya, and Shahabad. Chaff is सुना bhūsa, with variants भूंचा bhūnsa (in Patna and Gaya) and सुना bhussa. The net full of chaff is जना jalla or जाना jāla generally. In Shahabad and South Munger it is जन्म jalla or जाना jāla generally. In Shahabad जोरा jora, and in Patna कपार kapāï. The refuse grass, &c., which cattle leave behind is ज्यर lather to the west, नियास nighās to the north-east, and गोयार in Patna. Gaya, and the south-east. Local names are खमें है khadhel in Shahabad and गोरायारो gorthāro in South Bhagalpur.
- 1146. A beast that eats little is निखेराइ nikhorāh or निख्राइ nikhurāh, also चिकनिया chikaniya or चल-पिनया alpajiya in South-East Tirhut and गवत-चोर gawatchor in South-West Tirhut. In Patna and Gaya it is optionally नक-चौँघ naksondh, in South Munger चिकन-कौर chikankaur, and in South Bhagalpur चिकन-जिस्नो chikanjibbho.

CHAPTER XVIII.-PASTURAGE.

1147. Lands set apart for pasture are generally simply परनी parti. Special names are, however, रवान rakhāt north of the Ganges and एवाँन rakhānt (South Munger). Other names are निरागाइ chirāgāh in Sāran, Patna, and South Munger, चराँड charānt or नाम bādh in Gaya, and चड़ार arār Shahabad. A cattle-yard is नयान bathān or नयानी bathāni. The field in which cows are fed is in South-West Shahabad चराइ charāi, in the rest of that district चनेर uber, and in South Munger चनेरा ubera. In Gaya it is नाम bādh, in Patna नवरानी baharsi, and in South Bhagalpur नवियार bahiyār or चार ār. Cattle left to graze without watch are चनेरिया aneriya to the west, चनेरा anera in West Tirhut, इंटर्ज chhutha in Gaya, चट्डर udangar in Patna, चल्का ujiha in South Munger, and चल्करा ujra in South Bhagalpur.

CHAPTER XIX.-FENCES.

1148. A fence to keep cattle out of fields is घरान gherān or घरानी gherāni to the north-west. In Tirhut it is बारी bāni or बेंद्र berh. South of the Ganges it is घोरान ghorān. Local names are घरा ghera in Tirhut and घापा chhāpa in South Munger. In Champāran दिशाँन hirānt is a hedge of brambles not fixed in the ground.

CHAPTER XX.-GRAZING-FEES.

1149. These are of two kinds:-

- (1) Those paid to the owner of the land.
- (2) Those paid to the herdsman.
- 1150. A cowherd is called নাৰ gwār, নাৰাৰ goār, ৰবাৰ ahīr, বৰোৰ charwāh or বৰোৱা charwāha, and নাৰভিয়া gorkhiya A tender of cows is in North-East Tirhut নীৰাৰ gaiwāh. A shepherd is মন্ত্ৰী gareñri or মান্তিৰৰ bheñrihar. South of the Ganges the latter also takes the form মান্তিৰাৰ bheñrihār or মান্তিৰাৰ bheñrihāra. A local name is মান্ত্ৰী bheñrdhurai in South Bhagalpur.
- 1151. (1) The fees paid to the owner of the land are known as खराचरी kharchari or खराचराइ kharcharāï north of the Ganges and in Gaya. The latter also is used in Gaya. In Shahabad the term is बराइश्वर bardiya. In Tirhut, Patna, and the east are noted काम चराइ kās charāï, इना dena, भेंगोंघा bhainsondha, and बराइगा bardāna. In the south-east the word is देना daina. In many places these fees are only paid for buffaloes, and not for other cattle.
- 1152. (2) Those paid to the herdsman are ব্ৰোহী churwāhi or হয়ে charāi. See also § 1205.

CHAPTER XXI.—COWHOUSES AND ENCLOSURES FOR CATTLE, CATTLE-OWNERS, &c.

1153. A cowhouse is गौचार gausār or गौचान gausāla. To the east it is गोचान gohāl. Local names are गैचरा gaighara in North-East Tirhut, दरम्बोन darkhol in South-West Shahabad, and दोगाच dogāh in Patna and Gaya. चार sār is also used to the west. वरम्बरा barghara, or in Gaya वर्ष्यरा baharghara, is a cattle-shed. In

Champaran a breeding-shed for cattle is called धारी ghāri. A place where cattle are collected is बधान bathān. In some places a special word is used for spots where buffaloes are collected, viz. दिरास hirāt in the north-west, खंद lenrh in North-West Tirhut, बैटार baithār in East Tirhut. To collect cattle is बध-नियाणक bathniyāël. In North-West Tirhut it is खंदियाणक leñrhiyāël. A cattle enclosure is पासा pājha in the north-west and पदानी palāni in Tirhut. In Shahabad it is खदार arār. A local name in North-East Tirhut is ढद्वा dhattha, which becomes दाउ dhāth in West Tirhut. A general word is बधान bathān. In Patna खदान arān, and in Gaya खदा ara, is an enclosure for cattle in the forest.

- 1154. To the west an owner of cattle is called मौदार mauār. The song sung by cowherds while herding is called विरन्त birha, or (in South Munger) मदन्दाद mahrāi. Another similar song, but sung to a different air, is चाँचर chānchar. छोरन्बाइ lorkāi is a special cowherd's song concerning a hero called चोरिका lorika. In South Bhagalpur the cowherd's dance is called चोड़ियारो loriyāro. The man who dances is called चहुना natua or जेंद्रचा netua.
- 1155. In Gaya चेल्हाचा chelhwa, in West Tirhut चल्हा chalha, and in Sāran चाल्हा chālha, is a knife used by milkmen. The brand for branding cattle is चाटी sāti.

CHAPTER XXII.—CATTLE-DEALERS.

1156. These are फरन्हा pherha north of the Ganges, and in South Bhagalpur फरन्बेक pherbaik. In South-West Shahabad they are परिवास hariha, in Patna संदर्भवासा lenhrivāla, in South Munger गर्दश्वासा genhrivāla, and elsewhere चारवासा hārwāla.

CHAPTER XXIII.—MILK AND ITS PREPARATIONS.

1157. Milk is दूच dūdh. Cow's milk is गय gabya or गोरस goras. To milk an animal is दूचन dūhab or खगाएन lagāëb. A cow that gives milk is खगन्दर laghar or खगाना lagwān, as opposed to नाटा nātha or खगाटा anātha, which is one that does not; one that milks plentifully is दुधारि dudhāri.*

^{*} Cf. § 1117. Another proverb is इद्यादि गाय कें दू कावी नका dudhāri gāy ke du lāto bhala,—even two kicks from a good milker are to be valued.

- 1158. When the milk of a cow or buffalo runs dry, the word used is विद्युव bisukhab. Local words are डाइंड होएव thāinth hoeb (South-East Tirhut), विश्व बार्ड biskhāb in Patna and South-East Tirhut, नुस्न्त्राव chuhtāb in Shahabad, and उसन्दा thamra in the south-west of that district. The milk of a cow for six months after calving is धेन (or south of the Ganges देन) के दूध dhen ke dūdh. After that it is बक्कन के दूध baken ke dūdh.
- 1159. The unsophisticated Bihār villager is not ignorant of the advantage which accrues to the seller by watering the milk he sells. According to popular belief the cow acts as the milkman's confederate in this, as in the proverb गाय गोयार मिखाप, उड़नें पानि दुषान, gāy goāreñ milāp, thehuneñ pāni duhāb—the cow and the milkman are confederates, for (without the pail leaving his) knee, she lets him milk water into it. At the same time it is but fair to add that some translate the proverb as meaning that when a cow and the milkman are friends she will let him milk her even standing in water up to her knees. Both translations are possible.
- 1160. Clarified butter is घू ghyu. Sometimes the Hindi word घी ghi is used. The word is sometimes spelt घीन ghiw. Local names are नेडन neun in West Tirhut, चिकाना chikna in Gaya, नेन् nainu or छैन lain in Shahabad, and नेन् nenu in the east. Fresh clarified butter is घरीर के घू ahir ke ghyu, or in South Bhagalpur गिरस् घू girastu ghyu; and that stored for a time in leather vessels क्रांपी के घू kuppi ke ghyu or गेस्हा के घू gelha ke ghyu. South of the Ganges it is also called दिखनाहा घू dakhināha ghyu.
 - 1161. The sediment which settles in making clarified butter is महियार mathiyar, माड māth, or माडा mātha north of the Ganges. South of it it is जेनू lainu in South-West Shahabad, मडन्मर mathgar in the rest of that district, मडाचा mathāha in Gaya, and मडाची mathāhi in Patna. The refuse left in boiling it down is जाड़ी dārhi; also महिया mahiya in North-West Tirhut, and घोर ghor in Tirhut generally. Other names are माइन phāran and महन्दन mahran in Shahabad, and कोरीनी korauni, used in the same place and in South Munger; खें जोड़ी khankhori in the rest of Shahabad, and खरन्चनी khurchani in Patna.

- masculine.* Another name current in West Tirhut is चन्हरं sajur. The old curds put in to curdle milk are जोरन joran. Tyre is a luxury, hence the proverb घर दही, बस्टा दही ghar dahi, bahro dahi,—only he who eats tyre at home gets it abroad.
- 1163. Curdled milk is जमान दही jamão dahi or सजान दही sajāo dahi. Other names are साँची sānchi to the east, सकाना sajīca in North-East Tirhut, मिहर mithur in South-East Tirhut, and जमुद jamuï in Gaya. The cream of this is called हान्ही chhālhi, a local variant being हानी chāli in Patna. In South-West Shahabad it is साही sārhi. When this is taken off, the remainder is called कहर दही katuï dahi or हान्बाइर chhalkatui. In Shahabad it is also called हिन्द chhinui, and another name north of the Ganges is हिन्द्र chhinuhi. Another variety of curds, from which the whey has been expressed or boiled, is called हाना chhena. It is something like the dry curds from which cheese is made in England.
- 1164. The thick milk given by a cow just after calving, or beesting milk, is फेंड्स phenus or फेंड्स phenusa to the west. In Tirhut and the south-east it is चिर्मा khirsa, and in Gaya टाकर dhākar means the milk of the first milking after calving, फेंड्स phenus being that of the second. A cow that drops her milk is कांम में ह्या kāmdhenua or चेंड्सामर dhenuāgar north of the Ganges, also खासर khāsar in East Tirhut. To allow the calf to suck the teats of a cow for an instant before milking, so as to induce the latter to let the milk flow, is फेंनच्हाण्ड phenhāel or पेन्हाण्ड penhāèl.
- 1165. Cream is मजाद malāi or बजाद balāi, and skim-milk पनावन pasāwan or (in East Tirhut) इत्या दूध chhanua dūdh.
- 1166. Butter before clarification is नेजब neun north of the Ganges, and also बेच nen in North-East Tirhut. South of the Ganges it is बेच lainu to the west, जिक्का chikna and मन्द्रन makkhan in Patna and Gaya, and नेन् nenu there and in the south-east. Butter-milk is सद्धा mattha, साठा mātha, or घोर ghor. In Gaya and the south-west it is also कॉक chhānchh. A well-known proverb about butter-milk is दूधक चरें सद्धा फ्रिके पौने dūdhak jaren mattha phūki pībe,—through having been scalded by (hot) milk, he blows on the butter-milk before he drinks it, i.e., a burnt child dreads the fire.
 - 1167. Thoa is milk boiled down till it is thick.

^{*} E.g., in Manbodh's Haribans, VII, 48, एনমা বৃদ্ধি উত্ত সাম্বাছি, ekao dahi nahin lel adhalāhi,—they did not take a single bad curd.

CHAPTER XXIV .- CATTLE DISEASES.

- 1168. Medicines are administered through a bamboo tube called বৰেনা dharka or কাঁড়ী kānri.
- 1169. The identification of the following diseases is in many cases very doubtful. The list is given rather in the hope that it may form the basis of a future identification by competent experts. Probably many of the names given as representing different diseases are merely different local names of one and the same disease.
 - 1170. Farcy.—This is खिताया agiya or खिनानाय aginbay.
- 1171. Diseases of the stomach.—জাঁকী jonki is inflammation caused by small leeches in the stomach and liver. In West Tirhut it is ভাৰতেই jokti. ঘটনাৰ petchali, or (in Tirhut) ঘটাৰ petauk, is diarrhea; ঘাৰৰ pokab, or in North Tirhut ছাঁৱা chhīmri, is purging. ঘিতাহী pilhi is said to be a swelling of the liver. Perhaps it is disease of the spleen.
- 1172. Foot and mouth disease.—This is खोरन्दा khorha in the north-west and in West Tirhut, खारा ahwāh also in Champāran and North-West Tirhut, खंगाचा khangāha in East Tirhut, खंगाचा khangāha in South-East Tirhut, खामा ābha in Tirhut generally, and (optionally) खुरन्दा khurha in Patna and Gaya.
- 1173. Diseases of the throat and mouth.— चाँती बहब anti barhab, or भौती चड़ आएव anti charh jäëb, is swelling of the uvula. कप्टार kanthar (Gaya and the north-west), भिरखी bhirukhi (Tirhut), कणा रोग kantha rog (Gaya and Tirhut), ढराका dharka (Patna), is a disease of the throat and chest, which swell and prevent the animal swallowing. डॉसी dhānsi (north of the Ganges) is cough. बना benga is inflammation of the vessels of the tongue followed by dysentery. युक्टरा thukha (Patna and the south-east) is described as a disease in which saliva flows from the mouth. मुख-मामी sukhbhāmi (north-west and Gaya), इंडी chheñri (Tirhut), दॅनन्तर dantnar (South-East Tirhut), इतुचा hanua (South-East Tirhut and Patna), उकरवाँत sukarwant (Patna, Gava, and Shahabad), दन जहर dant lahar (South Bhagalpur), are described as diseases of the tongue. जिंही jibbhi (West Bihār) or जिसन्दर jibhsatta is lampus. মুন্তী bhundi (Patna) is described as a throat disease. ক্ষা ধাত kantha sāru (South-East Bihār), or in Gaya नादी कनन्या nādi kanwa, is a disease in which sores form in the throat; so also in the same tract is चीना

- होसा sona hola. चोर मटन्का chor matka (South-East Bihār) is a disease of the mouth which prevents the animal eating. मुँद-परिका muñhpasija is diarrhœa with watering at the mouth. In Gaya घर-घर-वा ghargharwa is a disease accompanied by rattling in the throat. घाँच-फुल-वा ghonghphulwa in Gaya, and घेचुचा gheghua in Gaya and Shahabad, is a kind of goitre.
- 1174. Diseases of the feet.—Foot-rot is क्षानकानाइ jhanakwāh (North-West Bihār and Shahabad) and क्षान jhanak in Tirhut. In Patna it is क्षानकाना jhanakbāta, and in South-West Shahabad क्षानका jhanka. बाना bāta is a swelling of the knee-joint. When a bullock becomes lame through overloading, the phrase used is भर जाएन bhar jāeb, सरक जाएन sarak jāeb, or उत्तर जाएन ukhar jāeb, or in South-East Tirhut खञ्चा khanja. चरेवा charaiya in the south-east is too large hoofs. खाँग khāng is an insect bred in the feet, which is supposed to devour the whole body. An animal affected with it is खाँग khāngal.
- 1175. Rinderpest.—This is चेचक chechak everywhere. Other names are गोटी के निकन्मारी goti ke niksāri and सद्दन्माया mahmāya, both generally, and बरन्का बेमारी barka bemāri in Champāran, गोसाचन gosāün in North-East Tirhut, चनार कटन्ना antar katwa and जगन्द्रमा jagdamma in Gaya.
- 1176. Windy colic.—This is पुनन्तात phulbāt, पेट-फुली pet phulli in Tirhut and Shahabad. In Patna it is विन्या bindha. A similar disease, accompanied by difficulty of breathing, is फुलन्त्या phulbagha in Gaya and Shahabad.
- 1177. Staggers.—These are किरनी mirgi generally; other names are मुरनी ghurni (Patna and the south-east), मुनन्दी ghurni in South-West Shahabad, and क्रायरना hateyarwa in the rest of that district. Perhaps हनन्ती tunki in the South East, which is described as a sudden death of cattle, is a variety of staggers.
- 1178. Worm (or filaria) in the eye.—This is चाँद्रनी chāndni in Gaya, and माङ्ग māra or माङ्ग फ्रजी māra phulli in Shahabad.
- 1179. Tumours.—These are जन्दरनाद jaharbād, with a variant जन्दरनात jaharbāt in Gaya and South-West Shahabad. Another name in Shahabad is पिरन्की pirki.
- 1180. Fevers. बहैया arhaiya or बहेया arheya is a fever lasting two and a half days. In Tirhut it is called जरस्वोर jarkhor.

- 1181. Pneumonia (?).—A disease attended with panting is called इंग्ड hāmph in the north-west and in West Tirhut. In South-East Tirhut it is इफन्नी haphni, and in North-East Tirhut बात bāt.
- 1182. कॉइन्यका konrpakka (South Bhagalpur) is a disease in which the liver gets abscesses. खर्ग kharra is a kind of mange. It generally attacks young cattle.

CHAPTER XXV.—CATTLE-FODDER.

1183. The following grasses and other plants are used for cattle-fodder. Their botanical names have not been in the majority of cases identified:—

अँकन्टा ankta,—see जॅकन्री ankri.

चॅन-री or चॅन-ड़ी ankri (west), भेच-री bhekhri (north-west and Gaya), भिड़ोर bhilor (north-west), चॅन-टा ankta (Patna, Gaya, and southeast); also चट-का atka (South Bhagalpur), vicia sativa.

चटन्ता atka,—see जॅनन्री ankri.

चेंहजी anthuli (Gaya), चाँदिन anthil (South-West Shahabad and Gaya).

चन-जान anjān, (Patna, Gaya, and Shahabad).

चन-ता amta (West Tirhut).

चमन्दोरा amrora (East Tirhut, Gaya, and Champāran.)

चरेया araiya (generally).

चाँदिस anthil,—see चँद्वनी anthuli.

चनन्टा चिरन्चिरी unta chirchiri (East Tirhut and Gaya).

चोरी टीनी ori tini (Patna and Gaya).

The aunkar (Shahabad and Gaya).

कनाना kajla (Champāran and North-East Tirhut) or कनारी kayri (Shahabad).

कतन्दा katra (Sāran and Tirhut).

कनन्या kanwa, कन्ना kanna, — see केना kena.

करनी karmi,—see करेस karem.

TTT karār (Shahabad and South Munger).

करेस karem (South-West Shahabad), करन्सी karmi or करनी उन karmi lat elsewhere, a creeping-plant with a small white flower which grows in marshes (Convolvulus repens).

काना kāna,—see केना kena.

कुकारींधा kukraundha (north).

कुत्रमा kukusa (South-West Shahabad).

केना kena (west and Gaya) or काना kāna (Tirhut, Patna, and South Munger), also कनन्ता kanua (Gaya) and कन्ना kanna (South Bhagalpur and Gaya), which grows in Indian corn.

कोदिना korhila (Champaran and North Tirhut).

कीचारा kauāra (East Tirhut).

खगन्डा khagra (Shahabad).

खुख-सा khukhsa (general).

बोभी khobhi, (South-East Tirhut, Gaya, and Champaran).

गहन्ती garni (north-west).

मॅंड्न्डर ganrhar (Shahabad, Gaya, and South Munger), मङ्गिर gariyār (west), मॅंड्र ganrer (Gaya), माँड्र gānrar (Patna), मङ्ग्र garār (south-east), मङ्ग्र खा garharua or गंड्री gunreri (north).

गङ्ग्हरचा garharua, गङ्गार garār, गङ्गि।र garīyar, गँड्रेर ganrer, .गँड्री ganreri,—see गँड्न्डर ganrhar.

मदन्पँड़ीचा gadpanroo, मदन्पिड़ोड़ा gadpirora, मदन्पुरन्ना gadpurna, —see मघन्पुरन्ना gadhpurna.

गध-पुरन्ना gadhpurna (West Tirhut and Champāran), गद-पुरन्ना gadpurna (Shahabad), गद-पेड़ोचा gadpanroa (Patna and Gaya), गद-पि-इोड़ा gapinrora (South Munger), पुरन्नन्तो purnuo (South Bhagalpur) (Boerhaavia procumbens).

गाँड्र gānrar,—see गँड्न्डर ganrhar.

बुंबरा gunjera (South-West Shahabad).

गोधन्ना godhna (East Tirhut).

चकोड़ा chakora,—see तिन्पतिया tinpatiya.

बरी chari,—see चोराँड chorānt.

TTT chāra, branches of trees, especially of the pipar (ficus religiosa) or of the bar (ficus Indica) given as fodder to elephants.

चिक्नी chikni (South-West Shahabad and Gaya).

विचन्दोर chichhor,—see चिचोरी chichori.

चिचोरी chichori (Tirhut), also चिचोर chichor (north and Gaya), चिचन्होर chichhor (east) or चिचोरो chichoro (South Bhagalpur and Tirhut) and चेंड्इ lenrai (north-west).

चिनन्दा chinua (East Tirhut).

चँच chench (west), गड़ौँकी garaunchhi (Champaran and Patna), धरौँची saraunchi (Gaya and South Bhagalpur), सरच्ची sarhanchi (Gaya and South Munger) (various species of Achyranthus).

चৌবাঁত chorānt (Gaya and South-West Shahabad), चरी chari (west generally), चोदाँटा chorānta (Patna), जुड़-गुड़ो jurguro South Bhagalpur), and जुग-ड़ा jugra (South Munger).

जकराइ jakerāi,—see जीकराइ jaukerāi.

जिनन्दाँ jinwān (west) or सौरी jhīro (East Tirhut).

जर jūr (South-West Shahabad).

जुगन्ड़ा jugra, जुड़न्गुड़ो jurguro,—see चौराँट charant.

जोब job (Tirhut, Gaya, and west generally).

जी केराइ jau kerāi (generally); जकराइ jakerāi (south-east). See § 959.

भारता jharua,—see भार jhār.

নাৰ jhār (Tirhut and Gaya), সংখ্য jharua (Sāran and Patna), a kind of brushwood growing on wells, &c.

भीरो jhīro,—see जिनन्याँ jinwān.

डिइया tharhiya (Shahabad and East Tirhut).

ভাঁगर dāngar (Patna and Champāran), a species of Indian corn which bears no cobs.

डामी dābhi (north of Ganges, Gaya, and Shahabad).

डेड़ चा derhua (South Tirhut).

तित-छी titli (Gaya and west), नेतारी tetāri (Tirhut), तेतार tetār (East Tirhut).

तितोद titoi (Gaya and South Munger).

तिन-पतिया tinpatiya (south and west) and चकोड़ा chakora (Gaya south-east).

त्रतार tetar, तेवारी tetari,—see तितन्सी titli.

दुषिया dudhiya, a kind of wort. It is very poisonous.

दूब dub or दूस dubh, also south of the Ganges दुसी dubbhi (cynodon dactylon).

घकन्दा dhakra (Tirhut and Champāran).

धिमोद dhimoi (Gaya and west), किमोद chhimoi (South Munger).

नरन्ता narcha (Gaya).

नर-जाँक narjonk,—see खरन्दी larhi.

नर्चा narua,—see पोचार poar.

नरे narai, नार nar, नेवारी newāri,—see जार lar.

पतः इतर patlar (Champaran).

पपन्दा papra,—see पिपन्दा pipra.

पर्नौता pasaunta,—see बर्नौता basaunta.

पिपन्त pipra (South-East Tirhut, Patna, Gaya, and South Munger), पपन्त papra (South-West Shahabad), and प्रपन्त pupra (Champāran and South Bhagalpur).

पुपन्रा pupra,—see पिपन्रा pipra.

पुरन्नन्तो purnwo,—see मधनपुरन्ना gadhpurna.

पोचार poar (south), पोरा pora (West Tirbut), नदवा narua (South Bhagalpur), straw which has been trampled in the threshing-floor.

फरन्का pharka (South-East Tirhut).

श्वीटिया phutiya (East Tirhut).

फुलेबा phulena (north-west), ज्ञाम तुलन्ती shām tulsi (West Tirhut) or बन तुलन्ती ban tulsi (East Tirhut).

फेफना phephna (East and South Tirhut).

बन त्रबन्धी ban tulsi,—see फ्लेना phulena.

बन पोस्ता ban posta (Champaran and Gaya), wild poppy.

बन कराइ ban kerāi (Patna, Gaya, and West).

वर्षीता basaunta (north of the Ganges), वसन्त्रक्षा baswanta (Shahabad), or (North-East Tirhut) परीता pasaunta, which grows in Indian corn.

विशादी bisārhi (East Tirhut).

बेहियाँ berhiyan,—see बेरी beri.

देखन्दन belwan, देखोन्हा belonha, देखीधन belaudhan,—see ब्रेसीधा belaundha.

देशीया belaundha, which grows in rice and millet, found north of the Ganges, in Patna, and South Munger. In Gaya it is विशेषक belaudhan, in Shahabad वेदावन belwan, and in Gaya and South Bhagalpur वेद्योद्धा belonha.

DIVISION VIII.

LABOUR ADVANCES, WAGES, AND PERQUISITES.

CHAPTER I.-PAY AND ADVANCES TO LABOURERS.

- 1184. A labourer generally is To majūr, also in Tirhut and the south-east जन jan. Another very general word is बनियार banihār. In East Tirhut a कमरिया kamariya (i.e., he who wears a blanket) means a labouring man generally. In Patna, Gaya, and South Munger he is also कमियाँ kamiyān. In Tirhut चाकर chākar is a paid servant, as opposed to बहिया bahiya and चरन्वाह charwāh, which mean an unpaid servant. A day-labourer is in South-East Tirhut rojha; elsewhere he is सज़र majūr or जन jan, as above. A servant engaged by the year is नोकर nokar north of the Ganges, and also Exercise harwah (literally, a ploughman) in Tirhut. Forced labour is बेगारी begari, and a forced labourer is बेगार begar, or in Gaya दाविस इक्सी hākim hukmi. In East Tirhut जिर्तिहा jiratiha is a labourer who receives land rent-free and works for his master without remuneration in the agricultural season. In the north-west the पारीवाका pārīwāla sometimes works for his master and sometimes for himself. In Tirbut serve khawās means a male house-servant. Hindu or Musalman. A proverb which alludes to him is चौरक सङ्घ चौर, पहरव सङ्घ खवास. chorak sang chor, paharuk sang khawās,—with other thieves he is a thief. but in the presence of the watchman he is simply a servant.
- 1185. A labourer's pay is मजूरी majūri, or to the east पजूरा ajūra. When paid in kind it is वन ban or विन bani, also वोनि boni in North-East Tirhut. When paid daily it is also called रोज roj or (in Patna, Gaya, and South Munger) रोजीना rojīna. In Champāran it is रोजन्बभी rojbandhi. Monthly wages is दरमादा darmāha, also महिना mahinna when it is a fixed sum, and महिनावारी mahinwāri when it means the average income of the month. Yearly wages is चालियाना sāliyāna or चालीना sālīna. In the north-west it is also चलीना salīna, and in

North-East Tirhut बरन्ति barkhi. In Sāran and North-West Tirhut सनी mani is an allowance of grain made to a servant in lieu of pay. In South Munger it is कोराना korāna.

1186. Advances of pay to labourers are फाजिल phājil or फान्बड़ agwar in the north-west. In East Tirhut they are जनीर janaur, in West Tirhut कार्नेड़ी agauri, and in South-East Tirhut also कारावर agāür. In Shahabad they are कार्न्बन agwan, in Patna काराद agār, in South Munger कार्नेडी agauri, and in South Bhagalpur कार्नेडी agraur. In Gaya they are किस्पोटी kamiyauti. इरन्बर harwar in the west, and करोदी harauri in South-West Shahabad and Tirhut (or in East Tirhut optionally करोद haraur), is an advance of grain or money or a piece of land given to a ploughman when he is engaged. In the southeast it is करन्बाकी harwāhi, in Patna किसके kamiaī, and in Gaya किसबोटी kamiyauti.

CHAPTER II.—ADVANCES TO TENANTS.

- 1187. Advances are generally तगानी tagāwi or करन्जा karja. The following special names are also used:—
- 1188. Advances to buy food.—These are উত্থা khaihan to the west and in Patna and Gaya. In Tirhut they are called বনিষ্টাহা baniyauta, and when in cash কলেনা karja. In Patna and Gaya they are তালিক kharihan.
- 1189. Advances to buy seed.—These are विश्वहन biahan in East Tirhut, and बीहन bihan in Patna and Gaya. In Shahabad they are भीया बेंगा biya benga or बीया बाज biya bāl.
- 1190- Advances for purchase of cattle and sinking wells.—These are नगानी tagāwi or कराजा karja south of the Ganges. In East Tirhut प्राच्या adhlāva, and in West Tirhut प्राच्या adhlāva, is the advance made to a tenant for the purchase of cattle. The lender receives back the amount of the advance and half of the profit derived from the cattle.
- 1191. Advances for marriage expenses.—These are कराजेन karjain in Patna.
- 1192. In Champāran दिवसी dahihakki is a remission made by the landlord to a lessee. In South-East Tirhut similar terms are दुरानी ckhutti (used also in Patna and Gaya) and जातिर khātir. In West

Tirhut and Champāran when fallow land is given to a cultivator for a quarter rent or rentfree for the first year, the custom is called खिन्न हो khilhi. So also in South-East Tirhut it is हारा वास āsa chās, and in Shahabad खील मारी khil māri. See also §§ 912 and 913.

CHAPTER III .- DUES PAID BY TENANTS.

1193. These are principally the cesses paid to the resident artisans and other non-cultivating residents in the village, who are known as पवनी pawani, पौनी pawni, or पौनिया pawniya. In East Tirhut they are पवनी पसारी pawani pasari.

1194. The carpenter (बड़न्ही barhi) and blacksmith (बोहार lohār), who are generally the same person, get a fee from the member of a marriage procession who gets any work done by him. This is known as fasta birit in South Munger, and as वियाद दानी biyāh dāni in South Bhagalpur. Elsewhere it is simply द्नाम inam or वकासिस baksis. His remuneration for the repairs of instruments is कडा katha in Saran, जीरा jaura in Champāran, and पाच pāl in Tirhut. In Shahabad it is कसाइ kamāi, and so also in East Tirhut. In South-East Tirhut it is also भाँवर bhāmwar, and in South Munger it is कसेनी kamaini. When he is paid at so much paddy per plough, it is called, according to the amount, with bojha in Sāran, Patna, Gaya, and the south-east, आंडिया antiya or पाँचा pānja in Champaran, and पंजीर panjaur in North-East Tirhut. Another of his perquisites received at the time of sowing is called पद्भर anjur in Shahabad and चंत्रती anjuri in Gaya. He receives a further remuneration for keeping the cane-mill in order. This is पचन्दावन pachrāwan or भाँवर bhāmwar in Shahabad, कोस्हन्कड kolhkarh in Patna, कोल्ह-कर kolhkar in South Munger, and कोल्ह-प्य-राजी kolhpachrāni in South Bhagalpur. In Sāran he gets two rupees for each mill, and his remuneration is called जान khān. For repairing other implements he gets in Sāran चाची sāli, and a similar cess in Champaran and Tirhut is known as खरिदानी kharihani. In South Bhagalpur भौरी bhaunri is the general term used for his perquisites. In North-West Tirhut Tirhut Tirhut Tirhut North-East Tirhut खन khan or बसाद kamāï (which means wages for any work done), are the wages for making a new mill. The grain actually given is stell dali, and amounts to from 10 to 30 sers. The fee for repair is fants? bighati, and is 4 annas per bigha for कोर्ड्ड

morhan or first cuttings, and 2 annas per bigha for खूँदी khūnti or second cuttings of the cane.

- 1195. The weaver's perquisite.—This is in North-West Tirhut बानी bāni, and elsewhere बाना bāna.
- 1196. The shoe-maker's (चनार chamār) perquisite.—This is भाँवर bhāmwar to the west. In Gaya and Shahabad, however, it is खरिचानी kharıhāni. It is पान pāl in Champāran and Tirhut, also कमार kamāi and पंजीरा panjaura in North-East Tirhut. In the South-East it is पाँजा pānja or बोना bojha, and in Patna and Gaya मॅग्ग्नी mangni. वियोचा biyaua to the west and दन dat to the east is the fee given to his wife for service as a midwife.
- 1197. The sweeper's (निचन्तर mihtar) perquisite.—This also is खरिचानी kharihāni or कमाइ kamāi in Shahabad. In the south-east it is a sweeper's and not the shoe-maker's wife who officiates as midwife. A sweeper in the south-east is चाड़ी hāri, and his wife is चाड़िन hārin. The fee paid her for her services is दन dat or दन भोजनी dat bhojni.
- 1198. The perquisites of the village accountant (users) are many and various. In Patna and Gaya if the tenant's lands are नगर्दी nagdi he gets in Patna 2½ sers per bigha, and in Gaya 12½ sers per plough. This is called uning mangan, and is his recognised salary. He also gets a fee of one pice in the rupee per annum for answering a raiyat's inquiries about his rent. This is called sentation hujtāna. If the land is भावन्ती bhāoli, he gets in the same district, in addition to the above, नौंचा noncha (also in Shahabad नोचिया nochiya) or "pluckings," which amount to ith of a ser per maund. A similar fee is called agraz balkat in Saran. In Shahabad a village accountant gets in the case of नगर्दी nagdi lands a perquisite of 1 an anna in the rupee, called टक्सी takahi. In the case of सांवाली bhāwli rents he gets ½ a ser or a ser per maund, the first being called चरेरी aseri, and the second चेरी seri or चेरन्डी serhi. In the case of a general clearance of rents he gets a present of 8 annas or a rupee, called फरन्कतियावन pharkatiyāwan. In Tirhut this item is called फरन्काना pharkāna or फरिकाचा pharikāna. In South Munger lands are principally वयन्दी nagdi, and the village accountant is a servant of the landlord and is paid by him, and gets nothing from the tenants. His pay is as follows. In the case of नगन्दी nagdi tenures he gets a माँगन mangan of 5 sers per bigha. When the land is सांवच्छी bhāoli he gets 21/2

sers per maund, and his pay is called दिस्स साँगन dahiak māngan. He also gets a फरन्साना pharkāna of one pice per rupee in the case of a clearance of accounts. In South Bhagalpur the tenant gives the accountant a नेग neg of 3½ sers per maund. In most districts he charges a pice for every rupee for which he grants a receipt. This is called generally रिस्टाना rasidāna or रिस्टानन rasidāwan, also कान्जाना kabjāna in East Tirhut. होनी खेलाइ holi khelāi or फगुसाही phaguāhi, होसान पुजाइ doāt pujāi, and हुरन्गा पुजाइ durga pujāi, are cesses levied by the accountant on the three main Kāyasth festivals of the Hindu year. The above are the usual amounts of his fees, but many of them vary from village to village.

- 1199. Perquisites of the weighman.—See § 914.
- 1200. The village watchman (मोइन gorait, कोनःवास kotwāl, or (when a Government servant) चौकीदार chaukīdār) is sometimes paid by a grant of rent-free land (जागीर jāgīr), and hence he is called in South Munger जागीरव्दार jāgīrdār. When otherwise paid, his remuneration is called generally south of the Ganges चौकीदारी chaukīdāri. In the north-west it is खिरदानी kharihāni, in North-East Tirhut गोइनेक सूठ goraitak mūth, and in South-East Tirhut गोइने goraiti. In Patna and Gaya he is sometimes paid in kind, and his fee is then called फिससान phasilāna, and in Gaya also नौंचा noncha.
- 1201. The perquisites of the landlord.—In addition to his rent, the following customary cesses may be noted:—गोचाम goām in Patna, Gaya, and South Munger, बन्हर्वेदा banhwaiya in South-West Shahabad, and जोदार gohār generally, are personal services rendered to the landlord by the tenants en masse. इक्सन hukumat or फरन्साइस pharmāis are occasional demands of service or produce for special purposes. This in South Munger is called महत madat, and in South Bhagalpur इकन्मेती hakmaiti. His perquisite of milk from his tenants' cows is in South-West Shahabad 3313 duhāo. Cesses paid on special occasions are generally called चलासी salāmi, but there are frequently special names. E.g., when a tenant's daughter is married, the landlord gets a fee called विचाइन्दानी biyāhdāni, सादियात sādiyāt, सदिवात sadiyāt, or परियाना sadiyāna. In North-East Tirhut this is usually one rupee four annas at a girl's marriage, and ten annas at a boy's marriage, which is realised from every one except Brāhmans, Kāyasths, Rajputs, and Musalmans. In South-West Shahabad it is मॅड्नव mañrwanch. In Tirhut and the east धिंगान dhingan is a fee paid

on the marriage of a daughter for the second time, and भोजन्नी bhojni is paid on the marriage for the first time of a boy or girl. The former cess is paid in eash, but the latter in kind; e.g. in rice, pulse, or clarified butter. For other cesses paid by cowherds, see § 1151. The help given by the tenant in ploughing the landlord's lands is sta hari to the north and the west generally. To the east it is दिवर harihar, दिस्स harihari. Local names are सँगाचा sangāha in North-East Tirhut, इराइ harāï in Shahabad and South-West Tirhut. and said harāhi in Patna and Gaya. The presents given to the landlord when he visits the village are चचानी salāmi or (in Shahabad) नजनराना najrāna. His fee when a house is built or sold is sits chauth generally north of the Ganges, and also in East Tirhut जर भौड jar chauth. In towns in Patna and South Munger it is चौचेया chauthaiya, and elsewhere simply चलामी salāmi. He collects cesses in the nature of a ground-rent from the resident artisans and traders in the village. These are called मोतरन्का motarpha or मोतन्हरन्का motharpha generally, कोडियारी kothiyāri in Champaran and Tirhut generally, and and basurhi in East Tirhut. South of the Ganges they are दुच्यो duanni, or (to the east) wave abuab. In Patna and Gaya the former name represents a cess of the following description. 15 mans of grain, or thereabouts (according to village custom) is assumed (when rent is paid in kind) as the produce of one bigha. For each bigha (or 15 mans) thus calculated of the tenant's share of the crop, the landlord takes a cess of 2 anas. In the case of lands paying cash rates, the cess is levied at from 2 anas to 9 pice on each bigha of land held by the tenant. पूर pur is a fee of one rupee per loom paid by weavers. In South Munger चरचा charsa is a cess paid by tanners. In North-East Tirhut केयाची keyāli or कियाची kiyāli (also बरन्दाना bardāna in Patna) is (or was) a transit-duty levied on cartmen for every load of grain they took. Sometimes it was levied at every place where they halted for the night. In the same tract the same name is also used for a tax levied on grain-sellers' weights. This last is called कौड़ी kauri in the north-west, and मलिकाइ चुट की malika chutki in South-East Tirhut. In Shahabad it is वयाद bayan. In Gaya it is विराया kirāya, and the corn paid is नाँगन्नी māngni. In the southeast तप्तनजारी tahabjāri or नवन्जारी tabjāri is a similar tax levied on shopkeepers.

1202. Rents are generally calculated in the old sicca rupees of Akbar, which are converted into current coin by adding exchange rates,

called **asi** and **asi** and **asi** and **batta** kampani. The batta māl is added direct to the rent in sicca rupees, and denotes the exchange rate between them and the Murshidābādi coin introduced in the year 1773. In 1835 the introduction of the Company's rupee, $1_{\frac{1}{15}}$ of which equalled $\frac{15}{16}$ of the Murshidābādi rupee, led to the imposition of a further rate of exchange, called batta kampani, which is calculated on and added to the rent calculated in sicca rupees plus the batta māl. Each of these rates of exchange is generally less than one anna per rupee.

- 1203. Dues given for religious purposes.—The first fruits given to Brahmans are विद्यन पिरित bisun pirit, and also (north of the Ganges) बिसन अन्स bisun ans. To the west they are अँगँऊँ angañuñ or अँगैँऔं angauñāñ. On the other hand first fruits set apart for house-gods (भूमि जनेस bhūmi ganes) or penates are चर्नी agaun, or (in Shahabad) च्यान्वर agbar, and (in Champāran) रहचड़ rasuar. In South Munger three small heaps (ane huddi) are put aside on the threshing-floor. One is given to the Brahmans, and is called faga fusca bisun pirit; the second is given to the स्पन्स mushar of the village, who is known as देकरी dehuri, and is called सहार sahār; and the third, called स्ती agaun, is set apart for the house-gods, and is consumed by the cultivator himself. In South-West Shahabad a small heap of grain is put aside for the village god (दिस्तार dihwār). This is given to the village milkman (गोचार goār), who performs the worship of the god, and it is called पिटार pithar. In South Munger बहुरीया bahraiya, and generally बेस्टरी behri or बसरिया bahariya (all of which mean simply a subscription), are names for the subscription for the expenses of village worship, and दिश्यक dahiak is a similar cess of 12, and vaur savaiya of 11. seers per maund. The grain set aside for beggars (walt phakir) are known as भिका bhichchha or भीख bhikh amongst Hindus, and रखनी rasūli or ufactat phakirāna amongst Musalmāns. The fue was sih ans is the portion set aside for religious mendicants (सन्यामी sanyāsi).
- 1204. Miscellaneous.— प्रतिवा puraunta is the fee paid by the members of a marriage procession to any person who does any work for them. In North-West Shahabad 10 sers per plough are taken each by the washerman (योबी dhobi) and the blacksmith (जीबार lohār). This is called जोरा jaura. In the same place जाराब kharwan is an armful of crop given to each of the following:—the blacksmith, the carpenter (जाराब barhi), the barber (जीबा naua), and the washerman; and the किया kera is a smaller bundle of crop given to each of the same four.

Again पूरी pāri is three handfuls of crop given to the same four. In West Tirhut a similar cess is called पास परेरी pāl paseri.

1205. In Shahabad, and also in South Bhagalpur, and ban is an allowance of one maund in twenty-one or twenty-five of crop given to the agricultural labourer. In South-West Shahabad the cowherd receives a certain share of the milk of the cows he grazes, which is called बादा bāra. In South Munger this is परीचा paraundha, and in South Bhagalpur परोधो parodho. Similarly घटन्यारा athwara (i.e. paid every eighth day) in Saran, पार pār in North Tirhut, भाँक bhānj in West Tirhut, and पारा pāra or दुन्धिया duhiya in South Tirhut. is the milk given to the milkman as a fee for milking cows. चरन्ताची charwāhi is a fee paid to the herdsman for herding. It is also Ters charāi in Shahabad. चलामी salāmi or कमरज्खोलाइ hamarkholāi is the term applied to the presents made to or demanded by a police-officer or Government peon on entering a village, and the same terms are also applied to the presents made by the local police to the menial servants of magistrates and other high Government officials when in camp in their own district. In West Tirhut they are also called दनाम inām.

DIVISION IX.

LAND TENURES.

CHAPTER I.—TENURES.

1206. The descriptions contained in this division do not pretend to be legal definitions of the tenures referred to. On the contrary, they are only to be taken as giving the popular ideas (always more or less indefinite) current among the villagers as to the nature of the tenures.

Land tenures may be divided into-

- (1) Proprietary tenures.
- (2) Tenures intermediate between proprietary and cultivating ones.
- (3) Cultivating tenures.

CHAPTER II.-PROPRIETARY TENURES.

1207. (1) Revenue-paying tenures.—These are known everywhere as जिमिदारी jimidāri. A very large landlord is, however, called a ताल्कादार tālukādār, and his tenure नाल्कादारी tālukādāri. This is the popular distinction in Bihar between the two names. Both tenures can be held in common and can be divided. When, in popular phraseology, it is wished to name a tenure which cannot be held in severalty, but is owned by one heir, the other heirs being given villages or parganas on which to subsist, it is called a राज rāj. In a जिमिदारी jimidāri (or नालकादारी tālukādāri) tenure the whole land is held and managed in common. The property itself is called जिमिदारी jimidāri, or मिल-कियत milkiyat if it is small, and argan tāluka if it is large. The rents with all other profits from the estate are thrown into a common stock. and after making the deductions to be noted further on the balance is divided among the proprietors according to a fixed law or share. The deductions are the Government revenue and other expenses. The Government revenue is generally माजन्युकारी mālgujāri or मस्नुजारी malyujāri, also साट lāt and रोस rol in Tirhut and to the east, and series khajana in North-East Tirhut. In Patna

and Gaya it is also known as कल्डर kalatri. The other expenses are known as गाउँ खरन्च gaiñ kharch generally, also गाँव के खरन्च gānw ge kharch or गवें याँ खरन्च gawaiñyāñ kharch in Tirhut. In South-West Tirhut they are also सालीना खरन्च sālma kharch. In Gaya (and East Tirhut optionally) they are देशे खरन्च āchi kharch, in Patna प्रकराजान ekhrājāt, and in South Munger गरन्दी खरना garhi kharcha. In South Bhagalpur they are बन्ह खरन्दा bank-kharcha, which properly means embankment expenses.

- 1208. A landlord is जिमिट्रार jimrdār or माजिक mālik; also sometimes सरकार sarkār. Local names are गाँव के डाकुर gāñw ke thākur in South-West Shahabad, and गोँचाँ gauñāñ generally in that district. When the tenure is held in joint property, the shareholders are called रिसेट्रार hissedār, &c., see § 1214. The Government revenue is paid in by one of the body, called ज्ञमण्ड्रार lamardār in Sāran and मोजनार mokhtār in Tirhut and Patna. In Shahabad he is ज्ञमण्ड्रार lambardār. He is also known generally as तक्षिज्ञार tahsildār, क्रार्ण्या के केंद्राय केंद्राय केंद्राय कि केंद्राय केंद
- 1209. (2) Free grants.—These are known generally as बिरित birit, and the holder as बिरितचा biritha or बिरितच्दार birithar. These are general terms, and amongst them may be mentioned the following:—
 - (a) Granted for religious purposes.—These are known generally as चङ्कच sankalp, and are of different varieties, such as बरमोत्तर barmotar, for the worship of Brahma; विश्वन श्रीत bishun prit or विश्वन घरन्पन bishun arpan, for the worship of Vishnu; चिनोत्तर sibotar, for the worship of Siva; किश्वन घरन्पन kishan arpan, for the worship of Krishna, and so on.
 - (b) জানীৰ jāgir, ভাজনোজ lākhrāj (rentfree), নাদী māphi, মিনাই minhai (at reduced rent), or বিজ্ঞান khillat. These are properly grants for warlike services. They are also (especially জানীৰ jāgir) applied to the free grants of land for services made to the potter (কুলাৰ kumhār), watchman (নাইন gorait), and other village servants.

- (c) A grant given to the family of a man killed in the Rājā's service in open fight. This is सर्वट marwat in the west, and मरीटी marauti to the east.
- (d) A निर्त birit may be either acquired by purchase, when it is known as खरिद्रजी kharidgi, or it may be given by favour, when it is called दनाम inām or दनामान ināmāt.

 Local names in such a case are खेरान khairāt in Shahabad, and खुमन्वन khusbakat in South Bhagalpur.
- (e) ছৌরিয় khorish or দৌকনী mokri (north of the Ganges), also ঘালক pālak (Sāran), other local names being ছৌরাকী khorāki or মন্বাননী parwasti (South-East Tirhut) and ছাল-হাল khāndān (North-East Tirhut). This is an assignment by a rāja to a younger son or brother of a certain number of villages in the estate for subsistence for himself and his descendants for ever. On failure of descendants the grant reverts to the parent estate. This occurs in the case of a rāj which cannot be divided.

CHAPTER III.-INTERMEDIATE TENURE.

- 1210. The principal intermediate tenure is that known as डोनेट्रारी thikedāri, in which the holder (डोनेट्रार thikedār) contracts to hold the property at a fixed rental either for a certain term of years or until a sum of money (अर सन्त jar saman) advanced on usufructuary mortgage is repaid. In the former case it is also called खुम-को डोका khushki thika, and in the latter पनीतन patautan in Shahabad, परीचा patauñān in the North-West and Tirhut, and generally सन्नेचा परीचा sadhaua pataua. A mortgage lease is रजारा गुंविंग्य or जर पेम्र-गी डोका jar peshgi thika. See § 1487.
- 1211. Among other intermediate tenures may be noticed the unification pathi tenures, which form the subject of special laws. They may be briefly discribed as estates created by a landlord by separating a portion of his estate and letting it in perpetuity at a fixed rent. Subdivisions of these tenures let on the same principle are called extended darpathi, and these last are sometimes again allotted into smaller portions, called elevation. The holder of pathi lands is called a unificial pathidar.

- 1212. A tenure which may be either intermediate or cultivating, and which may be noticed here, is what mokarari, or tenure in perpetuity at a fixed rent. In some parts of the country these are also popularly known as washing tenures, which usually mean under-tenures held by a cultivating raiyat.
- 1213. In Champāran चिक्तमी sikmi tenures are described as dependent proprietory taluks paying land revenue through the landlord who is responsible for it, and not into the Government Treasury direct. Concerning चिक्तमी sikmi rents in Gaya, see §§ 1225, 1226.

CHAPTER IV.—SHARES AND SHARERS.

1214. A share in a village is चिसा hissa and also (in Tirhut and the west) विकास bakhra. The subdivision of a village held by a proprietary body is known as पही patti or तखःता takhta, also धोक thok north of the Ganges and witz phāt in Gaya. A shareholder is चिस्रोदार hissedar or सरिकन्दार sarikdar; also बखरन्दार bakhardar to the west, परिदार patidar in Tirhut. The proprietor of a half share is called अधिया adhiya north of the Ganges, and आधेआध ādheādh in South-West Shahabad. The inferior shareholders are called खर-दिशा khurdiha, &c., as described in Chapter II. पद्दी patti is also used to mean the principal share in a village, which may contain several fugget sikmi or subordinate shares. The shares of a brotherhood are भेवाँड bhaibānt generally, or in Patna and South Munger भैद्या बाँट bhaiya bant. In the west they are also भैद्रश bhaiwadh. A father's share is वपन्स bapans, also वपन्सन्स baphans in Saran, वपीटी bapauti in North-East Tirhut, and जही jaddi in West Tirhut. An elder brother's share (which according to popular belief was larger than the share of the younger brothers before the institution of the English law-courts) is जेटन्स jethans, also जेटन्स jethhans in Saran, and in North-East Tirhut जरीती (not जरीरी) jethauti. The Government revenue is भास-गुजारी mālgujāri, &c., as described in Chapter II. The half-yearly instalment is known as चारखर adhkhar or चारकर adhkar north of the Ganges, also as चटनिया athaniya or wash athanni generally. In South Bhagalpur it is was as fas adhkar kist. The distribution of the revenue over the sharers in villages held by a brotherhood is in South-West Shahabad भेर bher. Elsewhere a periphrasis is used, such as दिसा परिदारी hissa patidari.

A proprietor by purchase is खरिदार kharidār, and also (north of the Ganges) बेदार baidār.

CHAPTER V.-CULTIVATING TENURES.

- 1215. A cultivator is known as स्वामी asāmi, रेयन raiyat, यरज्ञा parja, or काल्यकार kāstkār. In Patna he is also पोतेदार potedar. A tenant with rights of occupancy is मोद्द्यी maurūsi (literally, hereditary) or कदोमी kadimi (ancient), also देवी dehi (resident) in Patna and Gaya, and बर्द्री jaddi (ancestral) in Shahabad. A tenant at fixed rates is रचमन्त्री istamrāri, but this distinction is little observed. Hardly any cultivators, and very few landlords, know the difference between a tenant at fixed rates and one with a right of occupancy. A cultivator without rights of occupancy is known as गर मोद्द्री gair maurūsi, also as पाही pāhi (literally, 'foreign' or 'non resident') in Patna and Gaya, and बरिद्रमी kharidgi (literally, acquiring by purchase) in Shahabad. In North-East Tirhut he is हान उपारक्ति hāl upārjit (newly created). These names are interesting as showing what cultivators themselves consider to constitute a non-occupancy tenant.
- 1216. In Shahabad, especially along the south bank of the Ganges, there is a class of tenants called yenerally gudashtādār or yenerally gudastādār. They are generally Rajpūts and Brāhmans whose ancestors conquered the country, and who, while serving under the landlords, for whom they were always ready to fight, were considered entitled to a privileged position. A yeneral gudashta or yener gudasta tenure is held at a rent fixed for ever,* and is alienable without the consent of the landlord. It is, in fact, a freehold subject to a rent charge. The holders seldom sublet, and are a body of peasant proprietors, very prosperous as compared with other tenants, and furnishing thousands of recruits to the army. Another similar tenure is known as area gora. In this the rent is fixed for ever in a holding with specified boundaries, without reference to the quantity of land. The rent is not variable even if the land be found to be more or less than the quantity roughly estimated at the original settlement. It is alienable without consent of the landlord.
- 1217. In some estates there is a kind of head tenant, who acts as an intermediary between the proprietor and the cultivator. He collects the rents and receives in return some petty privileges and immunities. He is known generally as **** mahton, and in

^{*} This point of fixed rents is denied by some landlords.

Patna and Gaya as मस्नोबाहा mahtoāra. In Sāran he is also known as दिपन्दार tipdar, in North-East Tirhut as मोबदम mokadam. and in South Bhagalpur मॅंड्र mañrar. Generally, however, the head tenant is called जटेंदरीय jethraiyat, and he usually performs the above duties. The high-caste cultivators are known as wastra asrāph, local names being सुरूपा surpha in Patna, सुरूपान surphān in Gaya, and बड चदन्मी bar admi north of the Ganges. In South Bhagalpur, the quarter of the village where such live is called बबरोबा babutola. The remission of rent for such high-class tenants is and maphi generally north of the Ganges, also azzal chhuti or anet kamsare in East Tirhut. In South-West Shahabad and Gaya and South Munger it is रेचाण्न reāet, in the rest of Shahabad'मरीचनी marauati, in Patna कसी kami, इनास inām, or इन्तास ilām, and in South Bhagalpur साफ māph. The low-caste tenants are known as राड जाति rār jāti, नीच nīch, or कोड बोज chhot log. They are also known as रजी व rajil in South-West Shahabad, कमीना kamina in the rest of that district, राड़ भोड़ rar bhor in South Bhagalpur, सोख-कन्द solkanh in Tirhut, and रैयान raiyan in Gaya. A proverb about them is-

काण्य किंदु केंसें देसें, बरहमन खियोेंसें। धान पान पनियोेंसें, सो राड़ काति सतियोेंसें॥

Kāeth kichhu leleñ deleñ, Barahman khiyauleñ. Dhān pān paniyauleñ, au rār jāti latiyauleñ.

- —A Kāyasth does what you want on payment, a Brāhman on being fed, paddy and betel on being watered, but a low-caste man on being kicked.
- 1218. Cultivators may also be divided into resident and non-resident. The resident cultivator is successful chaparband, also set dihi in North-East Tirhut, and Patna and Gaya, and and set bari bast in the south-east. A non-resident cultivator is uned and pāhi kāst or uned pāhi (foreign), a word frequently confounded with une pāhi kāst or uned pāhi (foreign), a word frequently confounded with une pāh (literally, a foot; hence used to mean an under-tenant). The word une pāh has almost fallen out of use now, but it is still understood, and has led to much confusion in laws and treatises on the rent-law, rendering it possible that the rights and liabilities of the under-tenant have been transferred to the non-resident cultivator. In South Bhagalpur the non-resident cultivator is known as unit paihā cultivator in that he keeps up two establishments and cultivates in two different villages, while the uned pāhi cultivator does so only in one.

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1219. Below the ordinary cultivator there is sometimes an under-tenant, who is known as धिकामी sikmi or कुरव्योजी kurthauli, also as घेटावाचा petāwāla in the north-west and कोलिएनी चगामी koliaiti asāmi in East Tirhut. It is said that to the south-east in the case of a कुरव्योजी kurthauli tenure the rent of the under-tenant is fixed at a money rate, but is paid in grain at the market rate of the grain at the time of payment. Elsewhere the rent of under-tenures is generally paid in kind.

CHAPTER VI.-RENTS.

- 1220. Rent is स्थान lagān. North of the Ganges and in South-East Bihār it is also पोना pota, with an optional variant पोन pot in South-East Tirhut; another name current north of the Ganges is मस्यासी malgujāri. Rent rates are दर dar, पर sare, or सर्थ sarah; also दरन्यी darbandi or सर्थन्यी sarahbandi. सुनीपा chukaua north of the Ganges is rent payable at a fixed rate.
- 1221. Rent paid in cash is known as मान māl, and that paid in kind as ऐन ain. When rents are paid in cash, the tenure is known as नगरी nagdi, and also in East Tirhut as जाप khāp. When paid in kind, it is known as मनन्य mankhap or मानन्यों bhāoli. In मनन्य mankhap or मानन्यों manthīka, इस्त hunda or मानन्या manhunda, the rent is a fixed quantity of grain paid as rent, irrespective of the proportion it bears to the whole crop. This custom is current principally in Tirhut and Champāran. In Patna it is called मानी मानावा mani bandobast, and a variety in which a certain number of maunds of cleaned rice per bigha is taken as rent is known as चौराचा chaurāha. These tenures are principally adopted by landlords when letting their जियान jirāt or home-farm lands. In भावन्यों bhāoli a certain fixed proportion of the whole crop is taken by the landlord. This division is called चराइ batāī, &c., and a full description will be found in §§ 902 and ff.
 - 1222. A tenure which has been noted in Patna is the that bath has bad, derived from the Persian hast, is, and bad, was, and which means literally 'the-is-and-the-was tenure.' In this the rate of rent is fixed at so much per bigha, but rent is only charged for so much area as is actually bearing crops at the time of harvest. Thus, suppose a piece of land measuring one bigha is cultivated, but for some reason

(such as inundation, destruction by insects, &c.) the area of land actually under crops when ready for harvest is found to be 16 kathas, then the rent of four kathas is remitted and the rent for 16 kathas only is demanded. It thus closely resembles the utbandi tenure of Bengal. Compare § 1229.

- 1223.
 The site of hāl hāsilī tenures also exist in Patna and Gaya. In these the cash rent is determined on the spot after inspection of the existing crops on the land. A very similar tenure is known as squaze balkat. In this the landlord's men, accompanied by the tenant, inspect the crops when ready for harvest, and fix a cash rent by estimating roughly the quantity of produce and its value.
- 1224. A peculiar tenure, which is principally adopted in lands which are generally subject to inundation, is known as जिंदादी jaidādi. It is also adopted where the land is extremely bad and the prospect of a crop is uncertain. The principle is that the full rent agreed upon is paid on the land in any year in which any crops whatever (however small) is grown upon it. In any year in which no crop is produced upon it, no rent is paid.
- 1225. The tenures* and rent system in the district of Gaya are worth noting. Four-fifths of the cultivated lands are let on the भावच्छी bhāoli system, as has been described in sections 902 and following. In the lands held on the नगन्दी nagdi system the rent conditions are somewhat peculiar. The nagdi tenure is of two descriptions,—चिकानी sikmi or चिकानी shikmi, and चिकाट chikath or चकट chakath.
- 1226. A शिकानी shikmi tenure is described by Bābu Bhūp Sen Singh as that under which the landlord has not any power of enhancement, irrespective of the period for which the tenant might have been in possession. The money-rent is not fixed upon the land, but upon the crops actually grown, varying with the nature of the soil and the class of tenants, whether high caste (उपमान surphān) or low caste (रियान raiyān), the former having a lower rate to pay than the latter. The lands generally under this tenure are the उपमान dihāns lands, or the best land lying on the borders of the inhabited portion of the village (see § 784), and the crop grown thereon pays a higher money rent than the same crops grown on fields

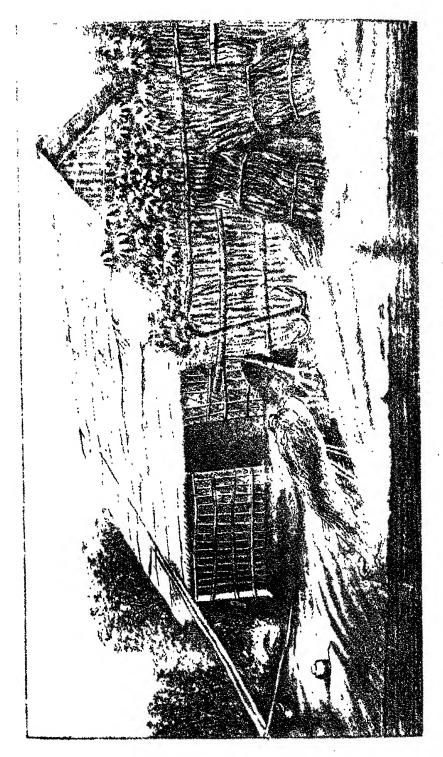
^{*} Concerning the tenures in Gaya, I have to acknowledge my indebtedness to an admirable note prepared by Bābu Bhūp Sen Singh, Government Pleader of that district.

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more distant from the village site. The same shikmi field also pays a rent varying with the crop. Thus if a Brahman tenant planted it with opium poppy in one year and with an ordinary spring crop next year, he would pay a higher rate of rent the first year than the second; while a low-caste tenant would have to pay for both of them a higher rent than the Brahman. Every tenant in a village has a fixed quantity of shikmi land partly at the higher and partly at the lower crop rate. If the tenant grows opium poppy upon a bhāoli and not a shikmi field, he pays for one harvest bhāoli rent, and is liable also to pay nagdi rent for the poppy at the rate fixed in the village for the particular class of tenants to which he belongs for poppy grown under such circumstances. According, however, to other authorities the rate of rent of these shikmi tenures is unalterable, but an extra rate or cess of so much per bigha is put on when special crops, such as opium or sugar-cane, are grown, and is taken off again when these special crops cease to be grown. Compare § 1231.

- 1227. The fars chikath or are chakath tenure is, according to Bābu Bhūp Sen Singh, a temporary settlement of waste or uncultivated but culturable lands for limited terms of years, at nominal rents, for the purpose of reclaiming them or bringing them under cultivation. This tenure is governed by the terms of the contract between the parties. If one term be not sufficient to render the lands fit for proper cultivation, the settlement is renewed from time to time till they become capable of yielding full crops. They are then settled as bhāoli or shikmi lands, according to their quality. In chikath lands no right of occupancy accrues by custom, and the rent is capable of enhancement on the expiry of the term of the settlement.
- 1228. According to Bābu Bhūp Sen Singh when a summer or is at jethua erop is grown on bhāoli land, an additional rate of 20 annas per bigha is charged as rent, the local bigha equalling 2½ Bengal bighas.
- 1229. In South-West Shahabad, when in rice lands, the tenant pays only for the land under rice, and not for any land which may be fallow, the phrase चढानी परनी uthti parts is used. Compare § 1222.
- 1230. A remission of rent on account of deficient produce is साफ māph north of the Ganges, and also कुटन्ती chhutti in East Tirhut. South of the Ganges it is नाबूद nābūd, or, when made on account of inundation, गरंकी garki.

- 1231. Special crops, such as tobacco or poppy, on which special money rents are always assessed, are known as जनन्दी jabdı or जपन्ती japti. Cf. § 1226.
- 1232. Of the spontaneous produce of a village, बनन्तर bankar is the produce from forest land, wood, gums, &c. In Shahabad it is also called बन दिखांडी ban chhioli. जलन्तर jalkar is the produce derived from lakes, streams, &c.; and जलन्तर phalkar is the produce of fruit. चिकार माडी sikār māhi to the west is fishing rights.
- 1233. Fields situated in one village and included in the area of, and belonging to the proprietors of another village, are called सोतज्ञों motalke, or (in Nort-hEast Tirhut) नांज्ञा tāluka.



The house of a well tu-do cultivator on the banks of the Fanges in Portua.

DIVISION X.

THE NATIVE HOUSE.

CHAPTER I .- THE NATIVE HOUSE.

1234. A house is सकाम makan or घर ghar. Local variants of the latter are गिरन्ही girhs in Gaya and Saran, भीर ghour in South-East Tirhut, चरा ghara in South Munger, and चित्री grihi, चरठ ghara, or चरी gharo in South Bhagalpur. A name current in Shahabad is such bakhri. An enclosure containing several houses is north of the Ganges इवेसी haweli or इनेसी habeli, and south of it दाना hāta. South of the Ganges and in Saran इवेसी haveli or इवेसी habeli generally means the female apartments. A palace is sitted dhaurahar or state dharhar, as in the proverb स्ती खड़ तर, सपन्नाइ धरन्इर sūti khar tar sapnāï dharhar. he sleeps on grass and dreams of palaces. A hut is without in hompra or भाषिन्दी jhompri, खाँप khomp, खाँपन्दा khompra, खाँपन्दी khompri, or प्रजानी palāni. कुटी kūti or कुटी kutti is the hut of a religious mendicant (फ्रुकोर phakir). Other names used north of the Ganges are सड math generally, and सिंडिया mathiya to the west, असल asthal to the north-east, and जाइ jagah or अवन्त्रा akhraha to the south-east. सरे marai, सँड्रं mañrai, or सर्द marai, is a grass hut, and साँड्रो mānro. &c., (see section 1307) is the hut in which a marriage ceremony is conducted. A little hovel or hut is north of the Ganges गोडिया goniya. South of the Ganges it is in Patna and Gaya महता maruka or कहा kurha, in Shahabad टाटी tati or बरन्दीवर barhaughar, and in South Bhagalpur डाको dhāko or मोरन्का morka. चिरन्की sirki is a hut or tent made of reeds, as in the proverb सिरन्की एक देखन्दि तानि, तादि नैर में काएल पानि, सिरन्की उठावैक रहल ना बेरा, चायू नाथ नव पाकू पगन्दा sirki ek delanhi tāni, tāhi ber mañ āel pāni, sirki uthābaik rahal na bera, āgu nāth na pāchhu pagha,—he pitched his hovel and it began to rain, nor could he get an opportunity for striking it; he was (like an ass) without nose-ring or tether. A ruined house or enclosure is डीइ dih or बँड्रइर khañrhar. A hut in the forest is north of the Ganges with pājha.

and south of it चचर धर chanchar ghar in Gaya, चाँचन्यासा धर chānchwāla ghar in South Bhagalpur, टटन्सर tatghar in South Munger, and सहन्दी marhhi in South Bhagalpur.

- 1235. Straw huts used by the poor are ट्टीबर tataughar north of the Ganges, and काडी पोस kāhi pos south of it. In Shahabad they are also called ट्रांचरा dochra, and in South Bhagalpur खरो घर kharo ghar. They are also very generally known as फुस के घर phūs ke ghar over the whole Bihār tract. A masonry house is पका pakka or पोखन्ता pokhta. When built of stone it is called in Shahabad चाँदन्ती chāndni. When built partly of bricks and partly of mud, it is कहा पका kachcha pakka or कहा पका kancha pakka. In Shahabad it is, however, कहा kancha or कर्नेचा kāncha. A house built entirely of mud is कहा kachcha; it is also to the west खास khām, and to the east सीत घर bhīt ghar.
- 1236. When a house has three openings, it is तिनन्द्रा tindara or सेंद्रा sedra; with twelve openings, it is बरन्द्री bardari or बर्द्रा barahdari. But these terms are not much used except south of the Ganges, from and including Patna westwards. A house provided with lattices is जान्द्रार jāldār or जान्द्रार jāldār. A house with nine apartments is in Patna and Shahabad नौरतन nauratan. Rooms in a native house are generally nine cubits long by five cubits wide. Such rooms are called नौपद्यम naupancham. बाधा bāsa or चेरा dera is a dwelling or lodging-house, and जिन्द्रात khilwat a house used as a private chapel by Musalmāns.

CHAPTER II.—PARTS OF A HOUSE.

- 1237. The courtyard.—This is चाँगन angan, जाँगने angani, or (principally in Patna and Gaya) जाँगना angana; also in South Munger प्रेगन्ना engana. In South-East Tirhut it is also called देश dera. The space in front of a house is जाँगार aguār or जाँगारा aguāra; also जाँगना aguās in Shahabad, जाँगी agutti in Patna and Sāran, and जाँगानी aguāni in Patna and the south-east. The space behind it is पिंद्यार pichhuār or (generally in the oblique cases) पिंद्यारा pichhuāra, or to the west पद्यार pachhuār or (generally in the oblique cases) पद्यारा pachhuāra. It is also पिंद्रस pichhūt to the west, पिंद्रुगी pichhutti in Patna and Sāran, and पिंद्रुगी pichhuāni in Patna and the south-east.
- 1238. The vestibule or outer entrance room.—This is guit duār or that doār generally. It is also gui dūra north of the Ganges,

and दुशारी duhāri or दुश्वरिया duariya in Patna and Gaya. Another name current in Patna and the east is देशनी dehri.

- 1239. The inner entrance room.—This is the room in which the men of the family sit and meet outsiders. It is called द्वान dalān. It is also named दोनाइ dogāh in South-West Shahabad and दरोखा darokha north of the Ganges. In Patna दोनाइ dogāh means a cattleshed. In North-West Bihār दुनुँदाँ dumuñhān is a somewhat similar room, but opening both to the outer world and to the inner apartments. A sitting-room generally is बैट-का baithka.
- 1240. The upper story.—This is কীতা kotha, or in the southwest মহন্ত্ৰৰ patahuāñ.
- 1241. The under-ground story.—This is तखाना takhāna or तरः-बाना takhāna. Other optional names are मुँजवन्दा bhunjabra or तरस्ता tarahra in Patna, Gaya, and the south-east.
- 1242. The veranda. This is चोचारा osāra or चोसन्रा osra, with variants चोनारी osāri in South-West Shahabad, चचन्रा usra in Gaya, and चोचन्रो osro in South Bhagalpur. It is also called चाप्रवान sāëbān, and in Shahabad दावा dhāba.
- 1243. The sitting-platform.—This is ভীননা chautra generally. Other optional names are ভ্ৰননা chabutra and বিভাগ pinda in Patna and the south-east, and ভাষা ota in Patna, Gaya, and Sāran.
- 1244. The roof.—The roof or ceiling is इत chhat. It is also इति chhāt south of the Ganges, इता chhāta in Gaya, and इति chhāta in South Bhagalpur. A thatched roof is इाउनि chhāuni, होनी chauni, हान्द्र chhānh, जान्द्री chhānhi, or देन्द्रिया chhanhiya in North-West and South Bihār. It is also generally इपर chhappar, with an optional variant इपरी chhapri in the south-west. Another name current in Tirhut is द्वार chār. If it is a simple thatch without tiles, it is specially called द्वार thāt. A thatcher is द्वार gharāmi or द्वार chhaunihār north of the Ganges, and his work is द्वार chhāuni. In Patna and Gaya he is द्वारा sutihār, and to the south-east द द्वारा ghar chhariya.
- 1245. When a thatch is only a "lean-to" on one wall, it is known as प्रकारिश्वा ekpaliya to the west. In Tirhut it is प्रकारिश ekchāri, and to the south-west प्रकारिश ekchāra. In Patna, Gaya, and (optionally) the south-west it is प्रकारिश ekchāpra. If it rests on both walls with a ridge pole in the middle, it is दोपिश्वा dopaliya to the west and दोचारा dochāra in Champāran and to the east. In Patna

it is पद्यानी palani, and in Gaya and (optionally) South Munger दोकपरा dochhapra. In Shahabad another name current is दोषारा dochra. A roof composed of four triangular thatches meeting in a point at the top is called चौपार chaupār. When there are more than one thatch in a roof, each thatch is called पराका pharka or पद्या palla. Also in the case of two thatches the front one is called north of the Ganges च्यून के टाट agūt ke thāt, and the rear one पद्धन के टाट pachhūt ke thāt. The thatching along the ridge is कोचानी kochāni, or in Gaya दोगा doga. A small thatch put on the top of a wall to save it from rain is पराक्शी parchhatti or चपराक्शी uparchhatti north of the Ganges, and south of it पराक्शी parchhatti (with a soft t). Other local names are चीनी chhauni (North-East Tirhut), चपरा chhapri (Tirhut generally), and पनाक्शी panchhatti in Patna.

- 1246. To rethatch a roof is चोतव otab or नोटट करव nauthat karab. The yearly repairs to a tiled roof are फॅरॉटी pheraunti in the south-west, and elsewhere खपन्रा फेर्ब khapra pherab. The grass put on a roof to make it water-tight is फटन्कन phatkan in Sāran, चावन chhāban in Champāran, and चौनी chhauni or नरेरा tarera in Patna, Gaya, and the south-west. In Tirhut it is इर्ब chharan, and in the south-east घर्च chhāran. Mud used for the same purpose is जिल्लावा gilāwa. The repairs to a tiled roof which leaks are चूचना मार्ब chūana mārab in South-West Shahabad, टोर्बा toiya in the rest of that district, टिपन्कारी tipkāri in Gaya, and टपन्का मार्ब tapka mārab in Patna.
- 1247. The fireplace.—This is चूका chūlha generally, local variants being चूल chulh in Shahabad, चूली chulhi in South-East Tirhut, and चून्हों chhūlho in South Bhagalpur. In East Tirhut चून्ह chūlh is a fireplace with two orifices, and after kaulha one with one. In South-West Tirhut this last is called प्रशेष्ट्रा ekaulha. The mouth of the fireplace is called सुँद muñh, or sometimes दुवार duār south of the Ganges. In North-East Tirhut चिनन्सार chinmar is the raised earth platform on which the fireplace is made, and on which food is cooked, while star chauka is the similar platform smoothed for a Hindu to eat from. यौना thauna to the west is a raised platform on either side of the fireplace for receiving pots for straining off rice-water. When the ground is simply smoothed for eating from, it is called set thahar, or in East Tirhut दाँव thanw. भारा or भाइ। ara is a cupboard in the wall at a man's height from the ground, in which cooking-pots are placed at night. alter borsi is the moveable fireplace used by jewellers and by villagers (especially females) to warm themselves in winter. In North-

East Tirhut it is बोरस boras. बूर ghūr is a hole dug in the ground filled with straw and sweepings and lighted in the evening as a fire to warm oneself at. It is also called धौर or कोड़ kaur in the west.* The iron or earthen moveable fireplace is बाँगेटी angaithi. A similar one used by jewellers is बाँगेटा angaitha. An earthen pot for holding fire is in Gaya सटन्पर matpar, and in Shahabad सॅटइर mentahar or पौड़ा paura.

1248. The holes on the top of the fireplace, on which the pots are placed, are called चाँकी ānchhi or चाँक्या anchhiya; also in South-West Shahabad ऐसा aila. They are also called चुक्सिया chulhiya in East Tirhut. When there are places for four pots, it is known as a चर्चा चुक्सा charanchhia chūlha, or in South-West Shahabad as a चर्चा चुक्सा charaila chulha. The partitions between the holes are पूना pūta, पुना putta, or पुनी putti. Also पुनी pusti in South-East Tirhut, and पुनिया putiya in South Munger. The cooking-house is amongst Musalmans वरस्थी खाना babarchi khāna; amongst Hindus it is रथोर्या घर rasoiya ghar; also धन-धा घर bhānas ghar in Patna and the east. In East Tirhut it is सावस घर bhānas ghar. The portion of the cooking-room set apart by a partition for cooking purposes only is called चुक्सानी chulhāni or चुडानी chuhāni. The other portion is known as मान घर mānjh ghar in Sāran and South-West Tirhut, as मान घर mānh ghar in Shahabad, and as खोन्ही khonhi in North-East Tirhut.

1249. The door.—A doorway is दुषार duār, दोषार doār, दुषारी duāri, दर्जाना darwāja, दर्जाना darwāja or (in Patna, Gaya, and the south-east) दरीना darauja. A door is कॅवाड़ो keñwāri, or in East Tirhut केवाड़ kewār, कॅवाड़ो keñwāñri, कॅवाड़ keñwāñr. The main doorway is पदर दर्जाना sadar darwāja; also जिक्नार niksār to the west, and जिकार nikās in East, Tirhut. In South-East Bihār it is प्राच दरीना samukh daroja. A gate is पाटक phātak. A side door or window with lattices is किरकी khirki; also दरेनी darainchi in Patna and Gaya. प्रवारी bhawānri to the west and in West Tirhut, पॅपान्स bhambhra in East Tirhut, and to the west दरीनी darinchi, is a hole pierced in a wall to give light and air. In South Munger it is प्राच्या bhamra, and in South Bhagalpur भौरा bhoñra. In Patna and Gaya it is जावन्दान tābdān. जुका mukka or भौका monka, and in Champāran जैवारी andhāri, is an earthen pot fixed in the wall for holding pice, &c. The leaves of the door are

^{*} Compare the proverb ঘৰ অইন্থি, ঘূৰ ৰুৱাৰ ghar jarainhi ghūr butāw,—when his house is on fire he puts out the ghūr, i.e. in many difficulties he grapples with the least.

पक्षा palla, or in Shahabad पाला pāla, and the strip of wood nailed on one leaf to cover the chink is बेनी beni or बेनियाँ beniyān. In South Bhagalpur this latter is बेना bena. The cross-pieces across the leaf of the door to hold the boards composing it together are बाता bāta or बना batta. There are generally four of them.

The door-frame is a das chaukath. The top bar or lintel of this is चपर्रीटा uprauta or (in Tirhut) आत chhāt. The bottom bar or threshold is खतन्मरा latmara, खतन्मरन्या latmarua, or खतन्खोरा latkhora. Sometimes a second outer door-frame is added for the sake of ornament. This is called wire sah or eviel dasaurhi, and such a double doorframe is said to be दोचन्या dohra or चाचन्याखा sāhu āla or दमौडी चौकड dasaurhi chaukath. In contradistinction from this, the single doorway is चादा sāda or प्रकरारा ekahra. The pivot used as a hinge is चूर chūr or (in Patna चूल chūl) In South-West Shahabad it is चूह chūrh. A similar kind of hinge is in Gaya भनःकीट jhanhaut. The wooden bar used for fastening the door is fault kills, and also (to the extreme west) आगर agar, आगल agal, or अगन्दी agri. In South-West Shahabad it is set danda. A short bar fastened by a pin to, and revolving on, one leaf of the door, and falling on a nail fixed on the other leaf, is विकी billi or विकेश bilaiya. The nail is called मकरी makri. A European door-bolt is विराज्या chhitkani or विराजिता chlitkini The heavy door-bar sliding back into a recess in the wall is बेंड benr or बेंड्रा benra. South of the Ganges the ढेंकी dhenki, or in Shahabad देंका dhenka, and in the south-west of that district देकरी thekuri, is a perpendicular bar sliding down from a recess in the top of the door frame.

Teat gharka (in South Munger) is a kind of bolt. The door-lock is नाजा tāla, and the key कुझी kunii, चामी chābhi, or होरीना chhorauna. The bolt of the lock is इरन्का hurka or (in Shahabad) भार jhār. In South Bhagalpur कर-का hurka also means a piece of wood fastening the two door planks behind. When a screen or hurdle, which is zizi tāti or zī tatti or (to the west) zz thatar, is used for a door, the spar that supports it inside is as benr or as benra. In Tirhut it is also बेराठी berāthi, बराठी barāthi, or (to the east) बेनाठी benāthi. South-East Bihar it is बद्धाटी benrathi or बद्ध arkhar, and in South-West Shahabad จังจะเง beñwra. The straw buffers tied along the two door-posts, against which the edges of the hurdle rest, are will mokh or मोखा mokha.

1251. The wall.—A wall is द्वार diwār or भीत bhīt. Sometimes the Hindi forms दीवास dīwāl or देवास dewāl are used. The foundations

are नेव neo, and also in Patna and the south-east दावा dawa. The straw mixed with earth for building a mud wall is पाचर pāchar, or in Sāran चान ālan. The lumps of damp mud used in building a wall are सोंदा londa or घोषा dhondha in Patna, Gaya, and to the west. To the east they are गाँदी gondi; also चेपी chepi in Champaran, चन्नी chakki in East Tirhut, and with londi in South-East Tirhut. In South Tirhut another name is सोदया loïya, and in West Tirhut चेकी cheki. The stages in which it is built are ter radda or tret rada, and also optionally ut a pinr in In Saran ter radda is the piece of the stage which, being the width of the wall, is finished before commencing the next piece. The top of a wall is भौता bhīta north of the Ganges, and भौत bhīt south of it; also मॉब mānth in South-West Tirhut, and मधन्ती mathni in East Tirhut. The plank over the top of a doorway on which the wall is built is मराँड bharānth, भरेड bhareth, भरेड bharaith, or भरन्तर bharnath. In Gaya it is भरन्ता bharna, and in Patna पटन्ट्रेड patdehal, of which a local variant in Saran is पटन्देश्र patdehar. To the east it is also भन-कट jhankat. If this plank is not equal in width to the wall, two or more are laid side by side. Then the plank in which the top pivot of the leaf of the door moves is needed anak, or in Champaran जपन्तींटा upraunta, and the others are called भरेड bhareth, &c. An arched recess in the wall over this plank, and serving as a cupboard. is zers duraundh or द्रौधा duraundha, or in East Tirhut जात chhāt. The gableend wall of a house is पाला pākha, or in Shahabad पाल pākh. In North-East Tirbut, however, it is same chanmar, and in Gaya and South-East Bihar कनेटा kaneta.

1252. The eaves.—These are बोडानी olti generally, also बोरी ori to the north and west. Another name current in the west is बोरियानी oriyāni. In Gaya and the south-east they are बान्दी agri, and there and in the south-east बोडारी ohāri. The edge of the eave, which is finished off with a board or with a kind of long straw or reed wisp, is known as बोडान mohabbat; also as पर्शेष्ट्र pasaunrar in North-West Tirhut, पंपानी pansrauñr in Champāran, and पंजानार paniāgar in North-East Tirhut. The last three words are also used to mean the long bamboo which supports the eave along its lower edge. The pieces of wood let into the wall to support this are देवा terua generally, and तद्व tarak in North-East Tirhut. In Shahabad they are also called बद्धा marua. The slope of the roof is जारन tāran to the west and गरू garah to the east; also गरू व्यापाद garahgar in North-East Tirhut and जरू व्यापाद tarangar in Champāran. The raised ground under the eaves is in Gaya बहु की asthi.

- 1253. The cupboard.—This is ताला tākha or ताल tākh. A wall-bracket for lamps is दिखर diarakh or दिखर diarakh or दिखर diarakha; also देखर dekhar or देखरा dekhra in South-West Shahabad, घोर जा dhorkha in Patna and Gaya, and घर जा dharkha in Gaya and South Munger. In North-East Tirhut it is चका chakka, and in South-East Tirhut चिरक दान chirakdán. In North-East Tirhut जिर्क तिमा kharikauta is a hole in the wall for keeping tooth-picks. In South-West Bihār and Gaya this is सङ्ख्ती bhurki or जरू कोटी kharkoti. सुद्धा mukka, &c. (see § 1249), is an earthen pot fixed in the wall and used for holding pice, &c.
- 1254. The men's and women's quarters, &c.—The men's quarters are मरन्दाना mardāna, and also मरन्दानी mardāni. Other terms used are दखान dalān, दरन्यना darwaja, or दरीना darauja, दुचार duār, and (southeast) बँगन्सा bangla. The women's quarters are चन्द्रान andarāt, जनाना किता janāna kita, or द्वेची habeli. To the east they are also called देश dera, and (in North-East Tirhut) बँगन्ना angna. The part between the two is देखदी deurhi or (south-west) देखदी deurhi. This word is often used to signify a whole house, especially that of some great person, i.e., equivalent to 'palace.' The outer room is also परा धरा bahar ghara or (South-East Tirhut) पन घरा ban ghara.

CHAPTER III.—MATERIALS USED IN THE CONSTRUCTION OF THE HOUSE.

- 1255. Building materials are খানতা amla or ঘাঁনত sāngah, or to the south-east ঘাঁনত sānga.
- 1256. The posts and beams.—The wooden pillars supporting the roof are बचा khambha, खजी khambha, बच्चि khambhiya, or बन्धि khambhiya. Another name current to the west and in South Tirhut is बच्चे thūnhi or बच्चे thūnhiñ. In North-East Tirhut another name is उच्चे uchwar. In South Bhagalpur we find बच्चे khamhāñ, and in South Munger बच्चे khāmhi. Sometimes to support the ridge-pole a cross-beam runs across from wall to wall, and on its centre stands a pillar, on the top of which the ridge-pole rests. This pillar is also supported by two struts running obliquely from the beam and meeting it half-way up. This beam is called बच्चे dharan, the pillar is called बच्चे manikthamh or बच्चिक ख्या manikthambh or (in Shahabad) also बचे kauri, and the props are called बच्चे pankhi or in Champāran चिपन्य sipva. When this is found too expensive, two struts run up from opposite walls, and cross

each other just under the ridge-pole, which rests on their upper angle. The struts are called जिन्न भेड़ा bhitbhera, चोड़-सुदाँ ghormuhān, or केंद्री kainchi to the west. Other names for similar supports are दर्जा hatka and गोड़िया goriya in Shahabad, कोच्छ kaual in Patna, Gaya, and South-East Tirhut, कर्ड kahui in South-West Shahabad, चोड़-सदा ghorsaha or चोड़ी ghori in Champāran and North-West Tirhut, कर्ड kainch in the east generally, and गेंद्र gainch in South Bhagalpur. The टेंद्र्या terua (or in South-East Tirhut कर्डान्ट्रा kalandara) is a strut running out from a wall to support the eaves. पादा pāya is an earthen pillar for supporting the roof.

- 1257. The ridge-pole is बहुँ barenr or बहुँ तो bareñri, also ह्या larhi in Champāran and the south-west, and बरुद्दी narhi in North-West Tirhut. All the beams of the thatch cross each other over this the upper angle of the cross is filled in with grass, and the whole is tied up tightly. This filling in is called मान्या mangri. The sloping ridge-pole down a corner where two thatches meet is called सद्वा tarak. A beam running horizontally the length of the thatch along the centre, each end resting on the slope of a gable, is called क्या स्वामा kamarballa, also पाइ pār in North-East Tirhut. A lean-to thatch forming the roof of a verandah is supported on a series of struts projecting from the wall, which are called देवता terua, माना māla, महन्या malva, महन्या or मन्या marva, or महन्या mañrua, which support a long beam or bamboo, called स्वाम्बर sardar, on which the thatch rests.
- 1258. The round rafters of a thatched house are बना balla, also बाजा bāla in Shahabad. Thick squared rafters are known as बड़ी kari. The rafters of whole bamboos are बारा kora or बारा kora. The thickest of split bamboo are बाता bāta or बना batta, and the thinnest laths of bamboo are बाता bāti and बना batti, also in North-East Tirhut कॉबन jhonjhan. निगला nigasta is a thick rafter used in South-West Shahabad; बरमा barga are the thinner rafters used in supporting a flat pakka roof. बनी balli are rafters smaller than a बना balla.
- 1259. The round poles built up inside mud walls are देश बाजी lewa khāmhi north of the Ganges. In Shahabad they are जोड gol or जोडा gola, and so also in the south-east. In Patna they are जार lār, and in South Bhagalpur बार nār. The support of a broken wall is बाजा astham or बाँड़ी chānri north of the Ganges; also बाँड़ा chānra, बाजा uchka, or बाजा thamua in South-East Tirhut. In Shahabad this is बाजी thūnhi, in Patna and Gaya हाथी thumbhi, in South Bhagalpur

यनुषा thamhua or चाँडा chānda, and to the south-east चोठन्मनी othyani or चोठन्मन othgan.

- 1260. बोख gol or गोला gola are round beams, and चौकोर chaukor or चौपच्छ chaupahal squared beams. The latter are also called चौधार chaudhār in Shahabad. A crooked beam is said to be कूबड़ kūbar in Shahabad.
- 1261. In South West Shahabad चेंड्रा cheñra, in South Bhagalpur चेसा chela, and elsewhere south of the Ganges चेस्रा chaila or चेसी chaili, are splinters of wood, a layer of which is placed between the rafters and the tiling, and is also used for fuel.
- 1262. The tiles.—These are equip khapra generally. Flat tiles are शुक्त ihapua, or in Champāran पशुक्त pathua, and in South Munger सुपतिया supatiya. Another name is पटन्दी patri in South-West Shahabad. Semi-circular tiles are after nariya generally, and pointed eave-tiles are दोंदी tonti or (Shahabad) टॉटियारी tontiyāri south of the Ganges. In the north-west with aundha is a rough mode of tiling, when only flat tiles are used. In Gaya स्मान्त mungra, and in Saran सगरा mangra, is a large kind of tile laid along the ridge of a roof Bits of broken tiles are मरन्तम markan to the north-west, and निहनी jhituki, mesar jhutka, or mesar jhutki to the north-east. South of the Ganges they are दिकरी thikri or किकरी jhikti. In Shahabad they are किक-इो jhikri or चिक-इो sikri. Tiles are baked in a kiln, called आवा āua or (South-West Shahabad) चाँचाँ ānwān. The layer of loose grass on a tiled roof between the rolls of thatching-grass and the tiles are known south of the Ganges as नरेर tarer or नरेरा tarera, or (in South Bhagalpur) परोतन patotan. In the north-west it is फरन्कन phatkan, and in Tirhut west chharan.
- 1263. The bricks.—These are देश inta generally, local variants being देश int or देश ita south of the Ganges, and ऐंटा ainta in Patna, Gaya, and South Munger. A well-known proverb is सन से यान बगर के देश man meñ an, bagal meñ inta,—(pretending to have) something else in one's mind, and having really a brick under one's arm (to heave at you). Among the varieties are पद्मा pakka or पात्र pākal, which are kiln-burnt (the first word is borrowed from Hindi), and कद्मा kachcha (also Hindi) or कर्न संवति, which are sun-dried. Another classification is into बाल्टे को anyreji or बड़का barka, which are large table-moulded bricks. These are also called बड़का gadahiya in Patna and South Bhagalpur, and राजी tāli in South Munger. Common country bricks are देशकी dehāti, or in South-East Tirbut सर्वार bhuïlot or पनर्शिका

panginja. Hist saundar in Patna and the south-east is a yellow kind of country brick. The smallest-sized country bricks are बचौरी lahauri or बहाजरि lahāuri to the west, पनार pajāi in South-West Tirhut, बबोरी lukhauri in East Tirhut, बनाना khajua in South-East Tirhut, and विकडिया thikariya in Patna and the south-east. The bricks forming the segment of a circle, used for lining wells, are known as बकी bakau, बँकी bankau, बकन्दा bakwa, or बँकन्दा bankwa. In South-East Tirhut these are known as चानेटा chākaita or कोटिया देंटा kothiya inta. सुरक-मुखी surujmukhi, or in Champāran गॅंड् यावा genruāva, are the bricks, narrow at one end and broad at the other, used in building the sides of wells.

- 1264. In the interior of Patna यवर thauai is the name of the bricklayer caste. Bricks are burnt in a kiln, called पनावा pajāwa, पिकाना pijāica, पिकन्या pijua, महा bhattha, or भाडी bhāthi. An overburnt brick is ATaT jhānuān north of the Ganges, and MINT jhāma . south of it. Local names are काम jhām in East Tirhut and कामो jhāmo in South Bhagalpur. Half-fired bricks are पीयर pīyar or पियरा pīyara, other local names being सस्रिया bhusuriya or सेवन्याचा seurāha in Champāran, सेवर sewar in Shahabad, पौचा pīla in Gaya, अवाज awālu in Patna, and कचन्कोड kachkoh in South Bhagalpur. Other names are भटन्द्र bhatrang in North-West Tirhut and ससन्देश bhusranga in South-East Tirhut. The outer bricks of a kiln which become half black or are partially fired are called काल के देरा chhāl ke inta, and in South Bhagalpur also चालन्टी chhālti.
- 1265. Stone.—Stone is पत्वर patthar or पत्रज patthal. Slabs of stone are परिया patiya or सिकी silli. When large they are also called चौरा chira in Shahabad, and जनार asar in Patna and Gaya. Small pieces for jambs and lintels are टोड्या toriya in South-West Shahabad, ट्टन tutan in the rest of that district, क्यारी kachri in Gaya, and दोका dhoka in Patna.
- 1266. Lime and mortar. The calcareous nodular limestone used for lime-making and road-metal is known generally as ass kankar. local names being चाँकड ānkar, इकन्डी ikri, or इंकन्डी inkri (also in South-East Tirhut) to the west, nez ganyat in Patna and Gaya, and itinz aingut to the south-east. Large blocks of it are known south of the Ganges as चहान chattan or चटान chatan, also as सर्देन lain in South-West Shahabad. The small pieces for road-making are चॅक-ड़ी ankri or चाँकड ankar in Shahabad, कॅंबन्ड्री kankri in Gaya, and in Patna, Gaya, and the south-east simply sits lora or tier rora, which last may also

apply to small lumps of bricks, &c., also used in road-making. करना chharra, or in the south-east वालिय bālis, is coarse limestone gravel.

1267. Lime is चून chūn, चूना chūna, or चुना chunna. It is of two varieties, viz. गिरो gitti—that made from limestone, and कही kali—that made from shells. In the south-east that made from gravel is also called कही kali. The mussel shell used for making lime is घोपी sīpi north of the Ganges, and चितुचा situa or चितुचा situha south of it. A local name is चित्त sittu in South Bhagalpur. घाँचा ghongha, चिता aitha, or चैता aintha is the voluted shell of a kind of watersnail similarly used. Lime mortar is मचाला masāla, or in Patna इनोइ daboī. Plaster is चेदाल ledāl or नीप nīpe. Moistened clay used as mortar is गिलाना gilāwa, or in South Munger गिनेचा gilēwa. In Patna, Gaya, and the south-east it is also called गारा gāra. The pounded bricks used as a substitute for sand is चुरुखी surkhi. When a wall is whitewashed it is said to be पोचारा वाला pochāra wāla, चुनेटल chunetal, चुनन्यहल chunwattal, or चूना फरल chūna pheral.

FOOD.

CHAPTER I.—MEALS.

- 1268. The general term for a meal is रघोर rasoi; also मानम bhānas in East Tirhut. The morning meal is नामना nāshta. Other names are पन-पियाव panpiyāo, पन-पियार panpiyāi, झलन्पान jalpān, झलन्धरं jalkhaī, and झलन्धाना jalkhāwa. Other local names are झलन्धरान jalgherāw (Champāran), पन-पियार panpiyār (Gaya), and दाना dāna or दाना दूनी dāna dūni in Shahabad. पन-पियार panpiyāï is also used to mean the food eaten by the labourer in the intervals of work in the field. This in the west is also called लुक्स lukum.
- 1269. The midday meal, which is the main meal of the day, is called by the people करेवा kaleva, करेक kaleu, or (in Tirhut) कर्जी kalau, though according to dictionaries and pandits this is a light morning repast. Local names for this meal are खाय khāy in Patna, खेस khāiya in Gaya, खारक khāik in South Munger, and करोचा kalaua in South Bhagalpur.
- 1270. An evening meal is বঁশীৰা sanjhaua in South-West Shahabad. বৰাৰ beālu, or in Champāran বৰেতিয়া berhatiya, is light food taken just before sleeping.
- 1271. A mouthful, or the quantity of food put into the mouth at once, is कोर kor, कवर kawar, or कोर kaur. In South-West Shahabad it is also नेवासा newāla, which, however, means in the interior of Patna the refuse food left, after eating, for servants, and which is then also called जास ulus.

CHAPTER II.—KINDS OF FOOD.

1272. The following are the principal kinds of food consumed by the lower orders:—

पकरी akri, प्रकरी ekri, or प्रकरी enkri,—uncleaned rice.

- चढारी akhri or (South Munger) चढारा akhra or (South Bhagalpur) चढारो akhro, also चाँवट āñwat (North-West Bihār and South-East Tirhut),—barley ground without being first cleaned. Cf. मूरी gūri.
- चदौरी adauri or (Shahabad) चदन्वरी advari,—little round balls made of pulse.
- चनाज anōj,—a general term for food, especially grain.
- wa ann,—food generally, especially corn.
- समावट amāwat (west), समोट amot (North-East Tirhut),—mango conserve.
- चर-कौँव arkaunch,—see रिकौँच rikaunch.
- **घरन्दावा** ardāwa,—gram and barley mixed and parched. Used as a food for horses.
- चमाँठी के रोटी amanthi ke roti,—see चाँठी के रोटी anthi ke roti.
- चाँटा ānta or चाटा āta, पिसान pisān, कनि म kanik or (East Tirhut) चिकस chikas, and (South Bhagalpur) चिकन्सा chiksa,—flour or meal.
- भाँडी के रोटी anthi ke roti, also किसन्ती के रोटी kisli ke roti (Champāran), अभाँडी के रोटी amānthi ke roti (Gaya and South Munger), and गुमा gumma (South Bhagalpur),—bread made of crushed mango stones.
- सामिल āmil (North-East Tirhut), खटाइ khatāi (Sāran), and खद्दा khatta (South Bhagalpur),—dried chips of the mango fruit used as a conserve. It is of two kinds, इड़िमी darimi and खोदया khorya. The first is made from small immature mangos (टिक्नुला tikula or टिकोटा tikorha), and the second from large mangos.
- चाँवड āñwat,—see चखन्रा akhra.
- चौगन्दा ogra,—see माँड manr.
- चौर-डा orha,—see डोर-डा horha.
- इस-रिती imriti,—see जिलेबी jilebi.
- रॅंबूर ingūr or रॅंब्री inguri (north),—barley from which the husk has been removed by pounding.
- जिला wihila,—cooked mustard-seed.
- जमी umi,—green marua (eleusine coracana) roasted as food (see § 990).

उत्तन्ना दान ulua dāl, उन्नावन ulāwal,—see दान dāl.

प्रकारी ekri, प्रकारी enkri,—see चकारी akri.

कचन्दिन kachuaniya (Sāran, Patna, and South Munger), मोदक modak (Gaya and Shahabad), कचार kasār (South Munger), a round sweetmeat made of rice-flour, sugar, and clarified butter.

कचार kachras (north-west) or पत्रचाँ pannāñ (South-West Shahabad),—sugar-cane juice mixed with water.

क्वोड़ी kachauri,—cakes of flour filled with pulse, &c. The inside stuffing of pulse-flour, &c., is called पीडी pithi south of the Ganges.

कहुचा karhua (south),—food saved from supper for the children.

कबूखी kabūli,—see खिचन्डी khichri.

कनिक kanik,—see चाँटा ānta.

कसार kasār,—see कचन्वनिया kachwaniya.

काँची kānchi,—see इलुचा halua.

किसन्दी के रोटी kisli ke roti,—see चाँडी के रोटी anthi ke roti.

कुमी kunti,—see खाइ lāi.

काँ उन्होंरी konhrauri,—cakes made of ground pulse and pumpkin.

खन-जा khajla (north),—a sweetmeat made from wheat-flour.

खजूर khajūr, also (south of the Ganges) खुरन्स khurma or (South Bhagalpur) किंचिया jhiliya,—a sweetmeat in the form of a date.

खटार khatāi,—see चामिल āmil.

खँड़ौरा khanraura,—see खुद्दी khuddi.

स्वीनी khabauni (south),—a sweet cake of wheat.

चाका khāja (north),—a sweetmeat made from wheat-flour.

चिन्ही khichri,—rice boiled with pulse; also called कब्ली kabūli or मूनल चिन्ही bhūnal khichri when spices are added. This last is called काँकी chhaunki (i.e. seasoned) in South Bhagalpur.

ब्रिकेट khiraura (South-West Shahabad),—cakes of rice-flour prepared in hot water. Sometimes spelt विकास khirawara.

बीर khir, also खीरि khiri in North-East Tirhut and बखीर bakhir south of the Ganges,—rice boiled in milk with sugar. See also जाउर jäür and सम्बद्ध tasmai.

खुदी khuddi, also (South-West Shahabad) बँद्धीरा khanraura, and South Munger मेराइन merkhun,—broken pulse or rice.

खरना khurma or South Munger खोरना khorma,—a sweetmeat in form of a date made of wheat-flour, sugar, and clarified butter. Cf. खन्र khajūr.

खुश्ना khushka,—see भान bhāt.

खसन्त्री khuski,— see परन्यम parthan.

खोभिया khobhiya,—see खार lār.

खोद्या khoiya,—see चामिल āmil.

JET gatta,—a cheap sweetmeat made of molasses. They are sold for a kauri each, and are the delight of boys of the poorer classes.

गलन्बल galbal,—see डभन्का dabhka.

गुमा gumma,—see चाँडी के रोटी anthi ke roti.

म्री gūri (Shahabad),—barley ground after being cleaned, Cf.

गुच-गुचा gulgula, also (Shahabad, गुचौरा gulaura,—a pudding of wheat and sugar.

गुजन्दाना guldāna (north-west), also दुजाद्वी दाना ilārchi dāna (Sāran and South-West Tirhut), and मजुन्दी दाना mukundi dāna (Patna),—a sweetmeat made of wheat.

युजाव जासुन gulāb jāmun,—a long sweetmeat made of dry curds (हेना chhena).

मुझी gulli,—see स्रोदया lonya.

युकीरा gulaura,—see युक्क-सुका gulgula.

गोभा gojha (north and south-west), also गोभिया gojhiya,—a kind of sweet cake. See also फरा phara.

बदुनरा ghatra, घटोरा ghatora,—see पूचा pūa.

घड़ा ghattha,—see खपन्धी lapsi.

परिषय ghatihan, परिषय ghathihan,—a general term for cheap grain, such as barley, pease, &c., also (Sāran) any kind of grain which when ground absorbs much water and is not easily digested

घडोरा ghatora,—see पूचा pāa.

वर्षा ghasua or वसुर रोडी ghasuï roti, also पोक्षा pochhua (Tirhut)

and चोचारी sohārı (East Tirhut and Shahabad),—cakes fried in a little clarified butter or oil.

घाड ghāth, घाडा ghātha, घाडो ghātho,—see जपन्मी lapsi.

षाढि ghāthi,—see वेसन besan.

घाँठो ghāntho,—see खपन्सी lapsi.

वियोड़ा ghiyaura, घीवर ghiwar, घुगुरी ghuguri,—see घेवर ghewar.

सुचन्नी ghuqhni (north and south-east),—a mess made of pulse, clarified butter, &c.

घेवर ghewar (north), चुगुरी ghuguri (South-West Shahabad), घियोड़ा ghnyaura (Patna and Shahabad), घोवर ghiwar (Gaya and south-east),—a sweetmeat made of wheat-flour.

घोर ghor, घोन ghol,—see महा mattha.

घोर-काचर ghorjāür, घोर-कारी ghorjāri,—see मठ-काचर mathjāür.

६का chakka,—see बजन्का bajka.

चटनी chatni,—"chutnee."

चनेना chabena, चनेनी chabeni, चरन्यन charban, or भूँचा bhūnja, also स्वन्ना bhujna (Shahabad) and स्ही mūrhi (South Bhagalpur), भूजा bhūja (North-East Tirhut),—parched grain.

चिक्स chikas, चिक्सा chiksa,—see चाँटा anta.

चिक्स chikkus (north),—roasted barley ground up with unroasted barley.

भिष्यो chiuri (north-west), घोरी chauri (South Tirbut), प्राची pharuhi (East Tirbut and Shahabad), प्राची pharhi (Patna and Gaya),—unripe barley parched; but in South Bhagalyur, प्राची pharuhi is parched rice.

चुनी chunni,—see चून chun.

पूड़ा chūra,—unhusked rice, parched, then moistened and pounded flat.

पून chun (north-west), चुनो chunni (Patna, Gaya, and South Munger), and रहे raī (Shahabad),—rice partially boiled, then pounded and roasted.

चोखा chokha or भरना bharta, also (East Tirhut) चना sana,—a mess of pounded roasted vegetables.

चौंचा chontha (Sāran),—a dish of pulse.

चौरी chauri,—see चित्रपी chiuri.

चौरेटा chauretha, चौरड chaurath,—rice soaked in water and then dried and pounded.

इनन्का chhanka, इरेन-कन chhewkan, इरेंकना chhewankna, इरेंकिक chhaunkal, इरेंका chhaunka,—see बचार baghar.

हेना बाङ्गा chhena bāra,—round flat sweetmeats made of dry curds (हेना chhena); a Bangāli dainty adopted in Bihār.

हींको chhaunki,—see खिचाड़ी khichri.

जनायार jawākhār (south) or पाचक pāchak (South Bhagalpur),
—ashes of burnt ears and stalks of barley, used as a cure for indigestion.

जाउर $j\bar{a}\ddot{u}r$,—rice boiled in milk with salt. When boiled with sugar it is खीर $kh\bar{i}r$, q.v.

enter jabar,—a mess of rice, vegetables, clarified butter, &c.

चिनेनी jilebi,—a tubular sweetmeat in a coiled shape, made of fine wheat-flour, sugar, &c. A variety of it is known as इमर्गनी imriti or इमिरनी imirti.

भाँभा jhānjha (South-West Shahabad),—a mixture of coarse sugar, hemp, clarified butter, &c.

कि जिया jhiliya,—see खजर khajūr.

Frai ihilli.—see err latta.

भोर jhor,—see परेष pareh.

ट्का tūka (north) or (East Tirhut) इकरी tukri,—the fourth part of a round cake.

হৈৰানী tikri,—a sweetmeat made of flour, fried in clarified butter or oil, and covered with sugar; also (Gaya) a small loaf or roll. In South Bhagalpur it is a round sweetmeat in the form of a cake, and made of flour, butter, and sugar. Another name for this last is হিৰিষা tikrya.

उनुषा thakua,—see देनुषा thekua.

हरनी thurri,—see दूरी thuri.

इसी thuri, or (Tirhut, Gaya, and South Munger) हरनी thurri, (South-West Shahabad) डोरी thori, (Patna) हरनी murri, and (South Bhagalpur) इसी murhi,—grain which has not burst while being parched.

- डेक्सा thekua, डक्सा thakua,— a kind of cake pressed in a mould called सगरीटा agarauta.
- डोरी thori,—see दूरी thūri.
- डमन्का dabhka (north-west), गलन्बल galbal (South Tirhut), डमन्कल dubhkal,—parched unripe grain, or ripe grain soaked in water and parched.
- इप्पा duppha,—see सङ्खर mahuar.
- नकर takkar,—a preparation of butter-milk with spices, &c. It is said to be very cooling.
- ৰাজ taral (North-East Tirhut),—a kind of dish consisting of vegetables cooked in clarified butter or oil. It is peculiarly a rich man's food, and is supposed to be fattening, hence the proverb নাজ আৰু সাৰ আৰু taral khāy, punu garal jāy,—he is a rich man, and yet he is lean.
- त्रसम्बद्ध tasmaī,—rice boiled in milk with sugar, usually eaten by mendicants. It differs from खीर khīr in that the latter may or may not have water added.
- भाज खानी tāj khāni,—see तास खानी tās khāni.
- सास खानी tās khāni (north), also (South-East Tirhut) नाज खानी tāj khāni,—a round sweetmeat made of rice-flour, sugar, and clarified butter.
- तिलक्तानी tilkatri,—see लाइ lai.
- निसन्दर tilkut,—a sweetmeat made of sesamum and molasses, much eaten by boys in Patna.
- निजीरी tilauri,—small balls of urid or mung mixed with sesamum seed, dried in the sun, and then fried in clarified butter.
- तिसन्त्रीरी tisjauri (South Tirhut) or तिसियाचर tisiyāür,—linseed and rice cooked together.
- दिंडुमी darimi,—see चामिल āmil.
- হৰ-জাভৰ danjāür (Sāran and South-West Tirhut),—poppy-seeds (হাৰা dāna) and rice cooked together.
- दनौरी danauri,—the same as निसीरी tilauri, poppy seeds being used instead of sesamum.
- south of the Ganges is pounded maize boiled with water and sugar.

दसन्पिद्धी dalpitthi, दसन्पिटीरी dalpithauri,— see दास पीडी dāl pīthi.

इत्तन्त्रमा dalsagga or (South-West Shahabad) संगन्पिता sagpahita,— pulse boiled with vegetables.

द्वादी पूरी dalhi pūri,—see देराही berhi.

दान dāl,—split pease or pulse. When these are parched they are called द्वावान दान ulāwal dāl or उन्नावान यान ulwa dāl.

दाज पीडी dāl pīthi, दजनिइ dalpitthi, or (Shahabad) दजनिदी dalpithauri,—(1) balls of wheat or barley-flour stuffed with pulse inside and boiled in water; (2) balls of wheat or barley-flour cooked along with pulse. पीडा pītha means balls of meal boiled in water.

धुँचाँर dhuñāñr,—see फोरन phoran.

धोचल दाल dhoal dāl, धोचाँच dhoānch,—see धोर्द dhoï.

খাই dhoi (north and Shahabad), also ঘাৰাৰ dhoānch (South-West Shahabad), elsewhere ঘাৰৱ বাৰ dhoal dāl,—soaked pulse.

भौग dhong (Shahabad),—a thick cake.

पकन्मान pakmān or पकन्यान pakwān,—sweetmeats.

पनोप pataura,—the tops of the plant called गुमा gumma (pharnaceum mollugo) roasted in a castor-oil leaf.

पतुषाँ panuān,—see कचन्रस kachras.

पपन्रा papra,—see पापर papar.

परिकाश parakiya,—see समोसा samosa.

परत्यन parthan, also Gaya पर्वेथन palethan, and दुसन्ती khuski,—the dry flour rubbed on the dough as it is being made into cakes.

परमञ्ज parmal (Shahabad),—parched maize or grain. See also

पराडा parātha,—see फराडा pharātha.

vegetables, &c., eaten with dry food.

परेखन palethan,—see परन्थन parthan.

पाग pāg or (south-east) राज rān or (South Bhagalpur) चिरा sira,—syrup made by melting sugar in water and boiling it down.

पाचक pāchak,—see जनाचार jawākhār.

भागर papar or पपन्ता papra,—a crisp cake of pulse flour.

(North-East Tirhut),—rice pounded in water.

पिड़ा pittha or पौटा pītha, also to the east बिगया bagiya, and in Tirhut बगेंचा bageya,—a kind of boiled pudding made of sattu or meal. A smaller variety is called पिड़ी pitthi.

पिड़ी pitthi,—see पिड़ा pittha.

पिसान pisān, —see चाँटा ānta.

पीच pich,—see माँड mānr.

पौडा pitha,—see पिड़ा pittha.

पीठी pithi,—see कचीड़ी kachauri.

- पूचा pāa, also (East Tirhut) पू pā, and घटोरा ghatora (Patna and Gaya), and घटन्रा ghatra (South Bhagalpur and Gaya),—wheat-flour and molasses mixed and cooked in clarified butter or oil. Of. बाह्य पूचा māl pāa.
- पूरी pūri, also (north) खुद्ध luchuï, and (Tirhut) खोदारी sohāri or सुदारी suhari,—thin cakes boiled in clarified butter. They are supposed to be as indigestible as muffins: hence the proverb about one who attempts things he cannot do, अ पचे विष, पूरी खा सारि ghyu pache nahiñ pūri la māri,—a fight for muffins, when even clarified butter won't digest.
- मेटा petha (north), also सुनापान bhuāpāg (South-East Tirhut), —candied gourd.
- मेड़ा pera,—a sweetmeat made of sugar and milk. Those made in Mathura and Gaya are most esteemed. See also जोरपा loïya.
- फरन्ही pharhi,—see चिखरी chiuri.
- करा phara (north-west), गोका gojha (Shahabad), and बिंग्सा bagiya (South Bhagalpur),—balls of rice steamed over a pot containing boiling water.
- प्राटा pharātha (north and south-east), पराटा parātha (elsewhere),
 —bread made like pie-crust.
- प्राची pharuhi (South Bhagalpur), फोकन्ता phokna (South Munger),—parched rice. See also विचरी chiuri.
- भूटन्पूरी phutpuri,—see बेरन्सी berhi.

क्टरना phutahra,—see चिट्टी litti.

- phutha or (South-West Shahabad) phutahra, —parched gram and pease.
- करें दारी phutehri,—see चिही litti.

- or oil, and then soaked with spices in tyre. It becomes very spongy.
- in a pot with some water in the bottom, and resting above on twigs; (2) (north) balls of pulse-flour boiled in clarified butter or oil.
- फेनी pheni,—a frothy sweetmeat made of wheat-flour and sugar. See also बतास फेनी batās pheni.
- फोकना phokna,—see फरडी pharuhi.
- फोरन phoran, also (Shahabad) मुँचाँर dhuñāñr,—seasoning used with food.
- बहार bakhīr (South-West Shahabad), रिखाव rasiyāo (rest of Shahabad), रिखया rasiya (Patna, Gaya, and the southeast),—rice cooked in sugar and water. See also खोर khīr.
- बगिया bagiya, बगेया bageya,—see पिहा pittha.
- ৰধাৰ baghār (north-west), ইবনকৰ chhewkan (Tirhut), ইবঁকনৰা chhewankna (Patna), ইবিকা chhaunkal (South Munger), হনকা chhanka or ইবিকা chhaunka (South Bhagalpur),—the act of seasoning food
- इचन्का bachka,—see बजान्का bajka.
- ৰজ্জা bajka or (Patna) ৰজ্জা bachka, (north ভক্তা chakka, (North-West Tirhut) ৰংগ bara, (South Bhagalpur) ৰাংগ bāra,—slices of gourd or vegetable covered with pulse-flour and then fried in clarified butter or oil.
- बताच फेनी batās pheni or फेनी pheni (north),—a sporgy sweetmeat made of sugar and flour.
- वतासा batāsa,—a spongy sweetmeat made of sugar.
- बचीरी baphauri,—pulse-flour cooked by steam.
- बरन्जीर barjaur,—see बॅरन्डिन berhin.
- areal barphi,—a white sweetmeat made of wheat, flour, milk, and sugar.
- बरा bara or बारा bāra,—cakes of urid pulse fried in clarified butter or oil. See also बचा-का bajka.
- bari,—balls of urid, mung, or gram-flour fried in clarified butter or oil.

बहुसादी balusāhi or बाजू सादी bālu sāhi,—a sweetmeat made of wheat.

बिखा basiya,—see बाची bāsi.

बद्धरी bahari,—see होरन्हा horha.

बारा bāra,—see बजन्का bajka and बरा bara.

बाजू सादी bālu sāhi,—see बल्लसादी balusāhi.

बासी bāsi or बिस्पा basiya, also (Shahabad) बासी कूसी bāsi kūsi,—food saved from supper for breakfast.

बोरी biri (Gaya), a kind of food made of leaves and flour fried in clarified butter.

बुनियाँ buniyān,—a small round hollow sweetmeat made of gram-besan, fried in clarified butter or oil and covered with sugar.

बॅनिया beniya,—see बॅरन्डी berhi.

बेर-दिन berhin or बर-जीर barjaur (Shahabad),—pulse cakes.

बरन्ही berhi, द्बन्ही पूरी dalhi pūri (north), फुटन्पूरी phutpūri (South Bhagalpur), and also (Tirhut) बेनिया beniya, and (Shahabad) बरन्हीया berhiya,—pulse-flour cooked inside a wheat cake.

वेसन besan or घाडि ghāthi (North-East Tirhut),—pulse-flour.

बोर bor or बोर बोर bor bor (Gaya and west), सानि sāni (South Bhagalpur), सोन son (South Munger), the act of soaking dry food, such as bread, in any liquid.

भमन्दी bhabhri,—see खिडी litti.

भात bhāt (amongst Hindus), खुश-का khushka (amongst Musalmāns),—plain boiled rice.

सुवापाग bhuāpāg,—see पेटा petha.

सुकाना bhujna, भूँजा bhūnja, भूजा bhūja,—see चनेना chabena.

भूनल खिचन्द्री bhūnal khichri,—see खिचन्द्री khichri.

मण्डा maëda or मैदा maida,—fine sifted flour.

सञ्जा makuni (1) (north),—cakes stuffed with gram-flour; (2) (south) cakes made of pease or wheat-flour. See also विशे

सटरी matri (north), इंडरी muthri (South-West Shahabad),—a sweetmeat made of wheat-flour.

महा mattha or माडा mātha, also मण्डा mantha (South-West Shahabad), घोल ghol or घोर ghor (to the east), and मची mahi (South Tirhut),—butter-milk.

सटः जावर mathjāür, also (east) घोरः जावर ghorjāür and (South Bhagalpur) घोरः जारी ghorjāri,—butter-milk boiled in water, with a little rice, &c., added.

मटन्री mathri,—see मटन्री matri.

सङ्ख्या marsatka (Gaya),—rice-gruel with the rice.

मण्डा mantha,—see महा mattha.

मदन भोग mahan bhog,—see दल्या halua.

मिश्चांबर mahiyā ür (north) and महेर maher (South-West Shah-abad),—a mess of rice, &c., in butter-milk.

HEUT mahuar or (South Bhagalpur) gun duppha,—the flowers of the mahua (Bassia latifolia), soaked over-night, crushed next morning, and made into a cake with flour, gram, pease, or linseed.

महेर maher,—see मिस्याचर mahiyāür.

माठा mātha,—see महा mattha.

साँड़ mānr (amongst Hindus) and पीच pich or चोगन्रा ogra (amongst Musalmāns),—rice-gruel.

माज पूचा māl pūā,—wheat-flour, sugar, and milk mixed and cooked in clarified butter only, thus differing from पूचा pūa, q.v.

मीठी पूरी mithi pūri,—sweet cakes.

मुरन्री murri,—see दूरी thūri.

सूही murhi,—see दूरी thuri, चनेना chabena, and खाइ lai.

मर-खन merkhun,—see खदी khuddi.

मैटा maida,—see मण्डा maëda.

मोती चूर moti chūr,—a sweetmeat made up of very fine चुनियाँ buniyān shaped like pearls.

मोदक modak,—see कचन्न निया kachwaniya.

रई rai,—see चून chūn.

रस मोसा ras gola,—round balls of dry curds (देना chhena) in syrup; a Bangāli dainty adopted in Bihār.

रिचा rasiya, रिचाव rasiyāo,—see बखीर bakhīr.

रसा rassa, राचा rasā,—see परेड pareh.

रान rān,—see पाग pāg.

राद rāb,—boiled sugar-cane juice.

रिकींच rikaunch or चेंदा saindha (north), also चर-कींच arkaunch (Tirhut),—a mess of pulse-flour cooked in the leaves of the चरदे arui (Arum colocassia).

चक-डो laktho, — see सेव seo.

- खहा latta or जाटा lāta, also (South Bhagalpur) निका jhilli,—a mess made of the flowers of the mahua (Bassia latifolia), molasses, and parched grain.
- बाद् laddu or बाद्धा larua,—a sweetmeat made up of sugar and cream.
- खपन्सी lapsi,—flour of any grain boiled in milk and eaten with sugar. When made with salt instead of sugar, it is called (South-West Shahabad) घाउ ghāth, (South-East Tirhut) घइ ghātha, (South Munger) घाउ। ghātha, and (South Bhagalpur) घाडो ghātho or घाँडो ghāntho.
- चार lāi, also (Tirhut) मूही mūrhi, कुन्ती kunti (Patna and the south-west), and निजन्तनःरी tilkatri (South Bhagalpur) and चोभिया khobhiya,—parched rice prepared with sugar south of the Ganges, but without it north of the Ganges.

बाटा lāta,—see बहा latta.

खादा lāwa,—maize, rice, &c., parched in hot sand.

जिही litti, समन्दी bhabhri, सक्जनी makuni, or फटरनी phutehri or (south) फटहन्दा phutahra,—various cognate kinds of cakes fried in hot ashes. The last four are generally stuffed with sattu and spices, while the first may or may not be so stuffed.

लच्दे luchūï,—see पूरी pūri.

- बोर्था loiya or (South Bhagalpur) गुजी gulli, the lumps of dough out of which cakes are made. In Patna, Musalman women call them पेड़ा pera.
- सकर-पासा sakarpāla or (Gaya) सिरन्तर mirjaī,—a sweetmeat of wheat-flour.
- सगन्पिता sagpahita,—see द्खन्समा dalsagga.
- चतुचा satua, चतुरं satui,—see उत्त sattu.

सन् satiu or सतुचा satua, also (Shahabad) सतुई satui, and (north, generally amongst mendicants) सिनल-वृत्तःको sitalbukni, parched gram ground into flour.

समोसा samosa also (Tirhut) पर्किया parakiya,—balls of flour, with fruit, &c., inside, cooked in clarified butter.

सरवन sarbat (south-east),—sugar-cane juice mixed with milk; also generally eau sucré.

सानि sāni,—see बोर bor.

साँस sāns,—a sweetmeat made of वैसन besan and molasses, eaten by boys in Patna.

चितलः बुकानी sitalbukni,—see चत्तू sattu.

सिधा sidha or सीधा sīdha,—provisions, food, as in the proverb सिधा सन्देह, गया गया करिय sidha sandeh, gabya gabya karathi,—it is doubtful if he should get anything at all to eat from me, and he has the impudence to ask for milk.

सिरा sira,—see पाग pāg.

सिद्या sirua,—soup.

सुरका चुरा surka chūra,—unripe paddy parched and pounded flat.

सुदारी suhāri (North-East Tirhut),—see पूरी pūri.

स्की sūji,—the flour from the centre of the wheat grain.

सेव seo or (Shahabad) खकाडो laktho,—a kind of coarse macaroni, differing from चैंबई semwai in not being regularly coiled.

चंदर semuai,—a kind of macaroni, which differs from देव seo in being regularly coiled.

चेंदा saindha,—see रिकीच rikaunch.

सोहारी sohāri,—see पूरी pūri.

सोन son,—see बोर bor.

चतुषा halua, also (Shahabad) कॉची kānchi,—a sweetmeat made of flour, dried fruits, and clarified butter. Musalmāns also add eggs. A superior variety of this is known as सदन भोग mahan bhog.

चानुस hābus,—green barley roasted as food.

होरन्हा horha (west), चोरन्हा orha (east generally), also होखन्हा hotha (Patna and Gaya), बडरी bahuri or परन्सस parmal Shahabad),—unripe grain, roasted in the ear or pod.

Fig. 1 holha,—see Tres horha.

DIVISION XII.

CEREMONIES AND SUPERSTITIONS OF RURAL LIFE.

CHAPTER I.—MARRIAGE.

- 1273. Marriage is amongst Hindus विवास biyāh, local optional names being ग्रमञ्जली shumangali (properly the marriage service described in § 1328) in North-West Tirhut and Champāran, and विवास दानी biyāh dāni in East Tirhut. विवास bibāh is common in North-East Tirhut, and विवास biha in South Bhagalpur. Amongst Musalmāns it is चादी sādi or भादी shādi, विकास nikāh being the less regular form. The marriage contract is चन्द akad amongst Musalmāns.
- 1274. The husband is everywhere (amongst Hindus) बर bar (properly bridegroom), भनार bhatār, पीया pīya or पी pī (only used in poetry), पनी pati or पामी sāmi. Local forms are जनाय jañwāy (properly son-in-law) (South-West Shahabad) and in East Tirhut पेंद्र sañæñ amongst the lower classes and खामी swāmi or प्यामी sawāmi amongst the higher classes. भनार bhatār is sometimes specially used to signify a woman's second husband. Musalmāns use the word कोचर shauhar. The following words are used by Hindus and Musalmāns indifferently: इज्ञास dulha (properly bridegroom), प्राथ purukh, मरद marad, खस्म khasam, पर्मी admi or परिमो adimi* (also used in South Munger to mean wife), and खाचिन्ह khāwind. South of the Ganges occur चमन्दी amdi and मरद्दामा mardāwa. A wife calls her husband मरद marad, or in the localities mentioned above जनाय iañwāy or मरन्दाना mardāwa. In South Bhagalpur she calls him चाँद sāñiñ.
- 1275. A wife is सेंदरान्ह mehrāru, इखिरी istiri, माउग māŭg or मोगी maugi, बंद bahu or वर bah, (also, in Champāran, वोद bauh) (which means literally daughter-in-law), खरी jannī, बंदस bekat (also used to mean husband), जनाना janāna, जोद joru, and कविचा kabila, the last two

^{*} Often spelt by purists पादनी adami.

being principally used by Musalmāns. जोजी jauji (a corruption of sauja) is used only by Musalmāns and Kāyasths. When talking to a respectable man about his wife, the word चवारी sawāri or घर के जोग ghar he log or a periphrasis is used. Thus they say in Shahabad चपरने के चवारी ऐजी इठ apne he sawāri aili ha? 'has your wife come?'; रवाँ घर के जोग कहरवाँ वाड़ी rawāñ ghar he log kahwāñ bārīñ? 'where is your wife?'; or रवाँ इवेजी में कब ऐजी इठ rawāñ habeli mēñ kab āili ha? 'when did your wife come?' lit. 'when did the being in your honour's inner apartments come?'

- 1276. When there are two wives, each is साचत sāit or सौतिन sautin to the other, a South Ganges variety being सोतिन sotin, and in South Munger सैतिन saitin. The first wife is विद्यासी biyāhi. In Patna and Gaya विद्यो bihi, and in Shahabad मेस्टरी mehri and कविद्या kabila, are also used in the same sense. When there are two wives, the elder is called जंडररी jethri, जंडरकी jethki, or वड्रकी barki, and the younger जहरी lahuri or कोडरकी chhotki.
- 1277. A woman whose husband is alive is north of the Ganges peratal ehvāti, and south of the Ganges she is खिल्लानी ahivāti or चित्रानी ahivāti. A local variety is ऐस्व arhāb in South-East Tirhut. सोसागिन sohāyin is another word used everywhere in the same sense. Another local word in South-East Tirhut is समस्वा sadhva. When a married woman is living in her father's house she is a निर्मितन naihraitin, or in South Bhagalpur स्वासिन sawāsin, and when she is living with her husband's family she is समर्गिन sasuraitin.
- 1278. A widower is বজা randa or বাঁড়া rāñra. If he marries a second time he is হাজাৰ doāh or (in East Tirhut) হুনিৰৰ dutibar or হুবিৰাহা duibiyāha, and in South Bhagalpur হাৰিহা dobiha. If he marries a third time he is নজাৰ teāh or (in East Tirhut) বিনিৰৰ tritibar, and South Bhagalpur নাৰিহা tebiha. In such case he is also called হাজাৰ doāh.
- 1279. A widow is बेबा bēwa or रॉक् rāñr. Another term is बियन्वा bidhwa. In South-East Tirhut बेयन baidhab is also used. The second marriage of a Hindu widow is सगाइ sagān. Optional names are सगरम sagaham, सम्बन्ध sambandh or समय samadh, used chiefly north of the Ganges. To the south-east चुमायन chumāwan or चुमीना chumauna is also used in this sense. Such a woman is called to the west घरायो ardhī, and the second husband is सगद्भा sagáhua or सग्डमा sañghua. In Western Shahabad he is साम्बन sānghut, and to the west generally

चरां चुचा ardhua or भतार bhatār. A child brought forth by the widow previous to the ceremony is प्रजानिया pachhlagura or कडानेटा kathbeta, or in South Bhagalpur ज्यानेटा lahbeta. The second marriage of a Musalmān widow is चन्न सानी akad sāni or निकास nikāh.

- 1280. A kept-woman, who lives with a man without marriage, is रखें जिन rakhelin, रखें जो rakheli, or रखनी rakhni. Other names are रखी randi, जड़दी urharhi or जड़री urhari, and डमन्नी dhemni. सुरीतन suraitin is used in South-West Shahabad.
- 1281. The bridegroom is दुखादा dulha, बर bar, नोसे nause or नोसे naushe. Also, south of the Ganges, गमन्द्र gabhru. In East Tirhut the forms विख्या bikhiya and विख्या bikheya are current. The bride's people call the bridegroom खरिका larika or बेटन्या betwa.
- 1282. The bride is হুল-ছিল dulhin or ক্ৰম্ম kaneān, also in South Bhagalpur কন্মাৰ্ন kanyāin. The bridegroom's people call her ভাকিলী lariki, ভাকেলী larkini, or ৰাহিয়া betiya.
- 1283. The dowry is नहेन jakej or दहेन dakej. In South-East Tirhut it is नेतुक jaituk.
- 1284. The marriage settlement amongst Musalmans is नोहर देन mohar den north, and देन महर dain mahar south of the Ganges.

CHAPTER II.-WEDDING CEREMONIES GENERALLY.

- 1285. The proposal for a boy in marriage by the girl's relations or vice versa is amongst Hindus बरन्द bartūi or बरन्देखी bardekhi, or in Shahabad बरेडि barekhi. In South Munger it is sometimes पनन्दशे panlatti. In Patna it is occasionally बसन पुन्ती babhan puchchhi. Amongst Musalmans the name for a proposal is निसन्दत nisbat.
- 1286. The match-maker, who conducts the preliminary negotiations, is everywhere again agua. In North and East Tirhut he is also use ghatak. The barber and Brāhman, who are messengers, and sometimes negotiators, in the matter, are called collectively and naua brāhman. The searching for a boy in marriage is north of the Ganges, to the west, when the larka khōj, in South-Tirhut accepted bartuhāri or guian acc sudhābadha karab, while in North-East Tirhut it is un accepted katha karab. South of the Ganges it is accepted bartuhār. Most of these words, however, include the

preliminary negotiations, when a suitable boy has been found If, during the negotiations, a member of the bride's house visits the bridegroom's, or vice versa, the food given him to eat is called बरन्त्री के भात bartūhi ke bhāt. The first food given to him after the marriage under similar circumstances is भश्रके bhathkhai.

- 1287. The betrothal consists in paying the निसन tilak on the occasion of the formal proposal and acceptance of the proposal of marriage. This निसन tilak is a present made to the bridegroom's people by the bride's people in the bridegroom's house. Some castes pay a portion of this in advance, as a sort of retaining-fee to secure the bridegroom; and when this is done, it is called प्रसन्दान phaldan, क्षा chhenka, or बर क्षा bar chhenka. In Saran and Champaran it is also called बरका barachchha, in South-East Tirhut पनन्यही pancharhi, and in South Bhagalpur पनन्यही pantohi.
- 1288. The man who carries the ছता chhenka is the चॅनस्ट्र chenkahru north of the Ganges. South of the Ganges he is चॅनस्ट्री chhenkahri, or in South Munger महत्ती mahton.
- 1289. The period of marriage ceremonies dates from the presenting of the বিভাক tilak, and is called ভাগৰ lagan, or in East Tirhut দুখ sudh.
- 1290. The marriage procession is actual bariyat. Sometimes the Hindi form atta barat is used. When it remains at the house of the bride a day after the wedding, the halt is called attack marriad. When a bride's father is unable through poverty to defray the expenses of the marriage, and he sends her to the bridegroom's house for the performance of the ceremony, she is called ask karhui, as at karhua, or significant dol karhui. The marriage procession is the first formal visit of the bridegroom to the bride's house.
- 1291. The second visit, which consists in the ceremony of going to the bride and bringing her home to her husband's house for the consummation of the marriage, is गवन्ना gawna, गवन gawan, or गौना gauna. In East Tirhut it is also दुरागमन durāgaman, and south of the Ganges दुरागौन durāgama. Another name is रोक स्वती roksati, रोक सही roksaddi, रोस क्वती roskati, or रोस कही roskaddi (رفضني). Yet another is विद्याने bidāgi.
- 1292. If the bridegroom pays an intermediate visit, it is called in South-East Tirhut হুৰোক্তৰ durāgnaghan. Immediately

before the final visit to fetch the bride, a message is sent to the bride's house with some presents, to announce the approaching of the time for the visit. The presents are called नेषार neār, and the persons who carry them नेषरव्या neardharua. The persons who actually fetch the bride are जीताहर lautāhar, नेवन्तहर neotahar, जेताहर letāhar, or जिष्णावन liāwan, or in South Bhagalpur जेवारी leyāri.

- 1293. The newly-arrived bride is called নীনহনী gaunahri. In East Tirhut she is also called ৰক্তমান্তিন bahuāsin. The male members of her party are ভাকনোহা loknāha, and the females ভাকনী lokni or ভাকনিয়া lokaniya.
- 1294. After consummation of marriage, the first and second visits of the bride to her parents' house are called रोक सती roksati, &c., as above. The second visit of the bride to her husband's house is दोंगा donga, and her third visit is तेंगा tenga. Her subsequent visits to her husband's or her parents' house are called रोक सती roksati, विद्या bidāgi, विद्यारी bidāgri, खदन गवन awan gawan, इद्धा बीधा ahura, खद्दार ahor bahor, खोरा बोरा aura laura, or बादल गोल बंधी gail.
- 1295. A married girl in her father's house is called by her people दरं daī, भी dhi, बनुद्दे babuï, or स्थासिन suāsin. When a wife is in her father's house, and her husband wishes her to return, he sends a messenger (generally a barber by caste) to summon her, who is called घेड-बिद्या pethwaniya.
- 1296. Their father-in-law's houses are called by bride and bride-groom respectively uttil sasurār. The educated also use the Hindi word uttil sasurāl. In East Tirhut it is called uttil sāsur, and in Shahabad sometimes uttil sasura.*
- 1297. The wife's parents' house is called by her in Patna and South Munger बहिरा nahira or मैका maika, and in South Bhagalpur नेसरा nehra. Elsewhere she calls it नैसर nahar.
- 1298. The husband's or wife's maternal grandmother's house is called by him or her नानीदाल nānīhāl, ननिदाल nanihāl, ननिदार nanihār, ननिदा nanihar, or ननिदौरा naniaura. Other names are समन्दर mamhar; and (in East Tirhut) मानिक mātrik.
- 1299. The husband's or wife's paternal grandmother's house is his or her दादीदान dadihāl, दिद्दान dadihāl, दिद्दान dadihār, दिद्दान

^{*} A man in his father-in-law's house is always made much of, and fed well; hence in thieves' jargon a jail is called (let us hope sarcastically) समुदार sasurār.

- dadihar, or द्दिचौरा dadiaura. Another name current in East Tirhut is पैनिक paitrik, while in South Bhagalpur they say वपन्दर baphar.
- 1300. Their maternal uncle's houses are his or her समन्दर mamhar or मसुदर mamuhar. So also the paternal uncle's house is सनुरार sasurār.
- 1301. The paternal grandfather's house is (north of the Ganges)
- 1302. The father of the bride and the father of the bridegroom call each other समन्धि samdhi. Their wives call each other समन्धिन samdhin.

CHAPTER III.—SPECIAL WEDDING CEREMONIES AMONGST THE HINDUS.

- 1303. Marriage ceremonies vary somewhat according to locality and caste. The following is mainly a description of such a wedding as might take place in the house of a well-to-do goāla in Patna, see § 1353. When the marriage has been agreed upon, the father of the bridegroom visits the father of the bride, and each provides a few handfuls of paddy (चान dhān). These are mixed together, and then divided between the two fathers by a Brāhman, and the bridegroom's father takes his share home. This ceremony is called चनन्तर dhanbatti. This paddy is reserved to be parched in the chūlha which will be subsequently mentioned.
- 1304. Then the females of the bride's family perform the मुसादन chumāvan or मुसीना chumauna ceremony. In this five women take rice between the thumbs and forefingers of both hands and touch in order her feet, knees, and shoulders with it. They then put it on her head. To perform this ceremony is मुसापन chumāeb.
- 1305. On the fifth or eighth day before the expected arrival of the wedding procession, the following preparations are made in the bride's house. If they take place five days previously, they are called प्रत्नेगर्ग pachmangra; if eight days, प्रत्नेगर्ग athmangra.
- 1306. The ceremony called uzanizar matkorwa.—The women of the family, and their friends, go singing to a well. They level a piece of ground near the well and smooth it down with बाब with lāl māti, a kind of yellow clay which is generally found immediately over gravel. They then dig a clod up out of it, and carry it home on the head of one of them. They make a

fireplace, चूला chūlha, of this mud in the centre of the court-yard or घाँगन āngan. In South Bhagalpur they set up a plantain-tree and a bamboo in the courtyard, under which they place the mud.

- 1307. The day before the expected arrival of the marriage procession, the family sets up a bamboo shed in the court-yard over the fireplace. This shed is called महन्दा marhua, मंद्रना manrua, or माँद्रो mānro, also in South Munger महन्दी marhi, and in South Bhagalpur माद्रम mandap. The same day a potter brings an earthen pot, called कार्या kalsa, with a four-wicked lamp, called चौसुन्त chaumukh, on its top. This is placed in the house where the family god is placed for the purposes of the marriage. This house is called कोर्या kohbar. According to some the pot is placed at once in the महन्दा marhua.
- 1308. A plough-shaft (इरिस haris), a plough-yoke (पालो pālo), and some bamboo twigs (कर ने karchi), are then buried in the ground in the centre of the महन्ता marhwa. Then five men bring out from the को इन्दर kohbar the कहाना kalsa, and place it under the महन्ता marhwa in front of the bamboo twigs. The father of the bride then anoints the four posts of the महन्ता marhwa with w ghyu (clarified butter), and on each the mother applies some vermilion (चेहर senur). The name of this ceremony is wहारी ghyudhāri or दोहारी dhīdhāri. In South Bhagalpur it is चिहारी ghidhāri. At the same time worship is offered to the progenitors of the family, which is called मन्त्रीपूजा mantri pūja. Then five men take turmeric (इर्झ hardi), oil (तेल tel), and dub grass (इनो dūbi), which they scatter on the bride's forehead. This is called इर्झ चेह्रपण hardi charhāeb. Then women anoint her body with oil and turmeric. This is called उन्दर्श ubtan, &c.; see § 1342.
- 1309. Next day, before the arrival of the procession, the paddy saved from the धनःवरी dhanbatti is parched in the fireplace under the महन्वा marhwa. This is prepared for the ceremony of बावा विटाइ lāwa chhitāi (see § 1332), at the time of the marriage circumambulation. The fireplace is then put to one side.
- 1310. Next follows the ceremony of swallowing the mange fibre. This is called इमन्द्री घोटाइ imli ghontāi. In South Bhagalpur a similar ceremony is called चमन्द्री घोटन amle ghotan. An elder male of the mother's family (usually her brother) puts into her left hand a present of money or ornaments. The barber's wife then gives him the centre fibre of one of the mange leaves hanging up in the चद्रन्य marhwa, which he presents to the mother's mouth. The mother then bites a small piece off this and deposits it in the hollow

- of her own right hand, into which the elder male pours a little water. The piece of fibre is called खरिका kharika, तिनन्का tinka—, or डाडी danti. This the mother holds over her daughter's head and gulps (घाँडन ghontab, to gulp) it all down. The elder male then says to her, "Art thou cool (i.e., pleased)? (जुड़ेजू jurailu)," to which she replies "I am cool (जुड़ेजी jurailin)."
- 1311. Wedding wreaths of mango leaves, flowers, &c., are hung over the door, and about the सहःवा marhwa. These are, north of the Ganges, बन्दन्वार bandnewār or बनःवार banwār. South of the Ganges they are बन्दनन्वार bandanwār, and in South Munger घेरा ghera. In South Bhagalpur mango branches are hung about the house, and are called पक्षी pallo.
- 1312. In the bridegroom's house, before the marriage procession starts for the marriage ceremony, very similar ceremonies are gone through; the मटन्कोइन्बा matkorwa is performed. A चूट्टा chūlha is made in the court-yard. The plough-shaft, yoke, and bamboo twigs are buried, and the earthen pot with lights is set up. Only no महन्या marhwa is built. The ceremonies of चुनीना chumauna and चरन्दी चड़ाएव hardi charhāeb are performed on him, as is done to the bride.
- 1313. The paddy reserved from the খননাত্তী dhanbatti is parched in the খুল্ল chūlha. This parched grain is taken with the wedding procession, and mixed with that parched in the bride's house, and with it scattered at the circumambulation (§ 1332).
- 1314. They then cover him with cosmetic (ভ্ৰন্তৰ ubtan, &c., see § 1342), and his nails are cut by a barber's wife, he sitting in front of his mother, and his mother wearing the maur (see § 1326). This, as in the bride's case, is called ৰহন্ত nahchhu (see § 1326). The ceremony of হৰন্তী ঘাঁতাহ imli ghoñtān is also observed (see § 1310).
- 1315. He is then bathed and anointed, and sets out with the marriage procession. A little of the water in which he was bathed is brought with him. This is called धिने के पानि sinch ke pāni. He is not allowed to bathe again until the चौचारी chauthāri (see § 1340). When the marriage party arrives at the bride's house, this water is given to her mother, and at the time of the girl's नर्ज nahchhu, the barber's wife will mix it with other water, and bathe the bride with it immediately before cutting her nails.
- 1316. The first scattering of rice.—When the bridegroom arrives at the door of the bride's house, the women of her family receive him,

and scatter over him uncooked rice, the dung of a heifer, balls of cooked rice, and other articles. A married woman of the family then takes a brass pan (होपो chhipi or घारो thāri) and a small lamp (दोषा diya) and gives them to the bridegroom; and then, holding two corners of her mantle (चुनरो chunri), touches with them the pan, then the boy's forehead, and then her own. This is called परिहादन parichhāwan, परिहन parichhan, परिहादन parchhan, परिहादन parchhan, or परिहादन parchhani. A similar ceremony is called in South Bhagalpur गुलरसेरी galsedi.

- 1317. The ceremony of the pestle.—The girl's mother then rubs in the palm of her hand a curry pestle (बोहा lorha), which she applies to the cheeks of the bridegroom. This is called गांच बेंबी gāl senki. This custom is not known in South Bhagalpur. Instead there is performed a ceremony called ब्या dhūa. A man disguises himself as a woman and approaches the wedding party with a jar of water. He says he is a woman of Kāmrūp (Assam) come to give away the bride. He then sprinkles water on the bridegroom. (Compare § 1320.)
- 1318. The marking of the bridegroom's forehead with sandal paste before marriage is तिलक tilak or तिलक tillak. In South Bhagalpur it is चन्दन chandan. This is done by a man called in the west तिलक्षा tillahru, and in the east तिलकदेणचा tillahdeua or तिलिक्या tillahya. He is generally the bride's father. This tilak is quite distinct from the tilak paid at the time of proposal of marriage.
- 1319. These ceremonies at the door are called collectively sure year duār pūja. In South Bhagalpur they are known as sure sure duār lagāi. Those described above are those performed by goālas in Patna. Other castes have other customs,—the higher ones contenting themselves with giving presents to the bridegroom and scattering rice (sea achchhat) over him.
- 1320. The wedding procession then proceeds to put up in a place set apart for them. This is called जनवाँचा januānsa or (in North-East Tirhut) बेडच्की baithki or बारचर bāsghar, and in South Bhagalpur जनवाचा janmāsa. A male member of the bride's family (generally her sister's husband) then brings to the जनवाँचा januānsa a bowl of sweet drink or sharbat, called चूचा dhūa, and covered with a red cloth. He also brings some urid (dotichos pilosus) flour mixed up with finely-powdered pepper. This is called चूचा bukua. On his arrival at the जनवाँचा januañsa he scatters this in the air, causing the bridegroom's party to sneeze. He then gives all those

- present to drink of the sharbat. The whole ceremony is called वृद्धार bukua urāi. A similar ceremony is called, north of the Ganges, धुरञ्चल dhurchhak, in which water is sent in pitchers, and a little scattered over the party with mange sprays.
- 1321. The barber now comes for the bridegroom's wit maur or head-dress, as will be subsequently described, which he takes away to the bride's house.
- 1322. When all is ready the friends of the bridegroom leave the जनवारा januānsa with great pomp, carrying with them the presents for the bride. Amongst these is a valuable cloth, called कनेबाइ kaneāi, or in South Bhagalpur विद्यात bihauti, which is taken to the female apartments, and in which she is dressed. She is then brought out and made to sit in the बढ़वा marhwa. This visit is called विरिद्धन nirichchhan, निर्द्धन nirachchhan, or निरद्धन nirchhan, as the bridegroom's party see (विरिद्धन nirekhab, to see) the bride now for the first time.
- 1323. Then the ceremony of making the bracelet is performed. The bridegroom and seven other men husk paddy in a mortar. When husked, two or three grains are wrapped up in mango leaves to form a kind of bracelet. Two of these bracelets are made, and one is tied on to the bridegroom's right wrist, and the other on the bride's left wrist, by a Brāhman. These bracelets are called as a kangan or as kankan. The ceremony is called water athongar, water athongar, or (in Patna) ading lathaungar.
- 1324. Then follows the adoration of the bride. In this ceremony the elder brother of the bridegroom (or in default of him some elder of the bridegroom's family) offers sweetmeats, molasses ($\eta \chi g \bar{u}r$), and ornaments to the bride. He then takes some betel-leaf and tyre ($\bar{\chi} \chi g \bar{u}r$) in his right hand, and presses it against the bride's forehead, at the same time pressing his left hand against the back of her head.
- 1325. These two ceremonies are together called sea bandan, years gurhatthi, or years gurhatthan, and signify that he has touched her once for all, and that if he touch her again he will be guilty of a sin. In South Bhagalpur they are performed by the bride's sister, and both bride and bridegroom are adored. There the ceremonies are called ytter guraundha.
- 1326. Then the bride's mother sits in the wast marhua with the bride between her knees, holding her round the waist. The cere.

mony that follows is the cutting of the nails. This is called नराष्ट्र nahchhu, नराष्ट्र nahchhua, नराष्ट्र नरायन nahchhua nahāwan, नराष्ट्र विद्या nahkatiya, or (in Shahabad) नराष्ट्र nahtungi. In South Munger it is नड्रनाण nachhunāë, and in South Bhagalpur चौकुषा lauchhua. The bride's mother has previously sent (§ 1321) a barber (रजास hajām) to the खनाचाँचा januañsa to ask for the head-dresses. There are two head-dresses,—one worn by the bridegroom, which is made of talipot-leaves and is called मौरा maur; the other is worn by the bride, and is called मौरा mauri, or (south of the Ganges) परावासी patwāsi, or परामीरी patmauri. The bride's head-dress is made of date-leaves. The barber brings these two to the bride's house and puts the मौरा maur on the mother's head and the मौरा mauri on the bride's head. Then the barber's wife (द्वासिन hajāmin) cuts the finger and toe-nails of both the bride and her mother (the bridegroom's having been cut before he left home).

- 1327. The bridegroom's party then returns to the जनन्यांचा januānsa, and the bride goes inside the house and exchanges her कर्नेचार kaneāi for her wedding dress or पिचरी piāri (see § 1348). The bridegroom is then sent for and is seated under the महन्या marhua, and the father or elder male relation brings the bride and seats her beside the bridegroom under the महन्या marhua, to his left. Some one belonging to the bride's family then goes inside and gets the bridegroom's maur from the bride's mother, and brings it out, and it is put on the bridegroom's head.
- 1328. Then the marriage service is read by the Brāhman. This is called समञ्ज्ञी shumangali or समञ्ज्ञी sumangali. The bride-groom sits under the महन्या marhwa in front of the bride. The father of the bride sits kneeling on one knee, keeping the bride sitting on his other thigh. This is the ceremony of giving the girl in marriage, and is called कर्मचाँ दान kaneāñ dān or काँचा (जाँच or काँचया) नेसापन jāngha (jāngh or janghiya) baisāēb.
- 1329. It is not necessary to describe particularly the procedure carried out by the officiating Brāhman. He recites (or is supposed to recite) verses from the Vedas, and leads in various acts of worship, such as throwing incense on the fire, throwing rice (was achohiat) about, worshipping Gauri, and the like. At one period the Brāhman puts into the bride's father's hand a shell containing water, flower, achchhat, and metal, and makes him empty it round the base of the earthen pot

- ৰীয়ৰ chaumukh) is burning. He makes him do this five or seven times. This completes the ceremony of কলিখাঁ হাল kaneāñ dān.
- 1330. From the time of the arrival of the बरियान $bariy\bar{a}t$ up to the completion of the कनेंचाँ दान $kane\bar{a}\vec{n}$ $d\bar{a}n$, the father and mother of the bride can eat nothing.
- 1331. Next follows the knotting together of the clothes of the bride and bridegroom. This is गँउ बन्ध genth bandhan generally. South of the Ganges it is sometimes known as गँउ जोड़ genth jor or गँउ जोड़ gethjoran, and in South Bhagalpur as जनम गँउ janam genth. At the same time something of small value, such as a two-āna piece or a few pice, or sometimes a piece of betel-nut, is tied in the bride's waist-band and in her breast-cloth by the Brāhman. Sometimes an ornament is tied to the bride's sheet, which is called अंचरी पासी (or पसी) añchri pālo (or pallo).
- 1332. The circumambulation of the sacrificial fire.—This is sometimes done by both bride and bridegroom, sometimes, e.g. in North-West Tirhut, by the bridegroom alone. They or he carry a winnowing sieve. The bride holds it in her hands in front of her, and the bridegroom follows her with an arm passing round her on each side, also supporting the sieve. Her brother fills the sieve as they go along with parched grain prepared in the fireplace formerly under the HE-AT marhwa, which the bridegroom at the same time scatters by shaking the sieve with his hands (this is called खावा क्टाइ lāwa chhitāi or, in Shahabad, खावा मिराइव lāwa mirāib). Care is taken to keep the sacrificial fire (when there is one) or the altar to the right.* It is considered unlucky for the girl to pass it to her left. This ceremony is called wist bhañwar, wastl bhañwri, with bhauñri, or यत भौरी sat bhauñri. It is also called वेदि सुमाण्य bedi ghumāëb. This circumambulation is performed five times, and is the important part of the ceremony. The couple on its conclusion are fumigated with incense by the officiating Brahman. celled चारत arat, चारन्ती arti, चगन्ती agti, or चगियाची agiyāsi. In South Bhagalpur it is called the hom.
- 1333. When this is done, the bride's sisters and her brothers' wives amuse themselves by pushing the bridegroom about, and lifting him up by the ears. This last is supposed to be done five times, but

^{*} The reverse rule is observed by some castes when the horoscope makes out that it is necessary.

is rarely done more than once. It will be seen that this is only done by females. Amongst the Tirhutiya Brāhmans and Kāyasths, however, it is done by the bride's brother. The ceremony is called बरक बैंसाएव चंडाएवं barak baisāëb uthāëb.

- 1334. This is followed by the application of vermilion. In this the bridegroom takes a small cup containing vermilion in one hand, and applies vermilion to the parting of the bride's hair with a piece of hemp. This is called \(\frac{2}{23}\) \(\frac{2}{3}\) \(\frac{2}{3
- 1335. The stopping at the door.—The couple then leave the court-yard and go into the house where the family deity is put. This house is called at a kohbar, or in South Bhagalpur at kohbara. At the door they are stopped by the sister of the bride, who requires the bridegroom to repeat certain verses, called structurandh or structurandha. The bridegroom demands a present for doing so, and on this being given he repeats the verses. This ceremony is called structurant duar chheñkai or structuranth duar chheñkauni.
- 1336. The stealing of the shoes.—The bridegroom takes off his shoes before entering the house. If he is silent or is too nervous to speak much, the bride's sister may, as a joke, steal his shoes while he is inside, and conceal them somewhere, in order to compel him on his reappearance to speak, and say "where are my shoes?" This ceremony is called जूना चोराइ jūta chorāī. In South Bhagalpur they make the bridegroom bow to a pair of shoes covered with cloth, and the ceremony is called जूना चोर जगर jūta gor lagāï.
- 1337. The couple then kneel facing the north-east, and perform the worship of the tutelary deity of the family, offerings being made to him at the same time. This is called and sample gor lagāëb. The clothes of the bride and bridegroom are then untied, the promised presents given to the sister of the bridegroom, and the marriage is concluded, the bridegroom returning to the sassist janvāñsa, and the bride remaining in the house.
- 1338. Shortly after the marriage, though this sometimes takes place the morning after, the bridegroom goes to his mother-in-law, who feeds him with rice-milk. After eating a little he sometimes takes the rest, dish and all, to the security januañsa, and finishes it there, or sometimes leaves it unfinished. This is called at four khir khiyao or feet una biyāhi bhāt, or (in East Tirhut) usus mahuak.
- 1339. If the bride's people invite the bridegroom's people to stay over the night, it is called **used that are marjad** rakhab. This may last

for two or three days or more. On the expiry of the period of Home marjād, the bride's people see the bridegroom's party off. This is called रोसन्कति करि देव roskati kari deb, &c., as in § 1291. In South Bhagalpur it is also called खोर-खी lotli. It is managed as follows: The bride's family collects in the court-yard all the presents received from the bridegroom's party, and with the assistance of village friends assesses their value. All this time the bridegroom's party is away in the sagaint janvāńsa. When the value has been assessed, the bride's father collects on his side presents to the value of at least one-fourth greater value than those received, and takes them to the sas-ater januansa. These return presents constitute the dowry, and are called the दहेज dahej. The bride's father lays them before the bridegroom's. Then the bridegroom's father takes a new cloth (पहर chaddar) and puts it on the bride's father. bride's father in return presents the bridegroom's father with a purse of money of the value of the chaddar. Then both salām to each other. Then the bride's father, in token of allowing the other to depart. presents him with a sum of money varying according to means, and a lota of water, saying "राम राम rām rām," to which the other replies in the same words. This ceremony is called रमन्दमी ramrammi, मीजन milan, मिल्नी milni, or समन्धी मिलावा samdhi milawa. fathers are now, by relation, ससन्त्री samdhi to each other, and in token thereof they exchange cloaks and garlands. These exchanged cloaks and garlands are called चमन्द्रों samdho. Amongst lower castes, as the procession is about to start, the bride's father gives each member money sufficient for the way expenses and drink, called बरावारी batsāri, and in South Bhagalpur पायक pāthak. Then the procession, bridegroom and all, goes off.

1340. The untying of the bracelets.—Four days after the marriage the bride and bridegroom bathe, and the bracelets on their two wrists are taken off. This ceremony is called নীয়ার or নারার chauthāri or নারার chauthāri or নারার chauthāri. This is the first washing the bridegroom and bride get from the time of the arrival of the procession before the marriage. During the interval they have been anointed with cosmetics, ব্ৰক্তৰ ubtan, &c.; see § 1342. Usually this is done in their respective houses, but in Patna the bridegroom sometimes goes to the bride's house to perform the ceremony. This concludes the marriage proceedings.

1341. Miscellan ous.—The wedding breakfast is (north of the Ganges) कहा kalau or मकनी majhni. South of the Ganges, in Shahabad it is पुरुत panghat, and elsewhere गोरीशा goraudha or श्रीशा guraudha.

The feast at the houses of both parties the day before the marriage procession is सतन्त्रान bhatuān, सतन्त्रानी bhatuāni, or सीच bhoj. Before eating the guests wash their feet, and the ceremony is called पर पखारी pair pakhāri, पैर पखरचा pair pakharua, पाँच पखारी pāñu pakhāri, गोड़ घोर gor dhōi, or गोड़क्शोचार gordhōāi.

- 1342. The cosmetic of turmeric, meal, oil, &c., rubbed on the bride and bridegroom for about ten days before marriage, is north of the Ganges अवन्टन abtan, and in East Tirhut अगन्दन ugtan, क्यार kasār, or काया kāsa. South of the Ganges we find अवन्टन ubtan or (in Patna) भोवन्टन obtan very generally used; also आँवट āñuat and अपन्टन aptan in Shahabad, अवन्टन uktan in South Munger, and काया kāsa, वसारा kasāra, or अटन्कन utkan in South Bhagalpur.
- 1343. The horoscopes of the boy and girl are everywhere खनम पतन्द janam patr or खनम पतन्दी janam patri. Also, very generally, टीपन tipan. In West Shahabad they are also कुखन्ती kundhi. If they agree, the phrase गनन्ता बनब ganna banab, or जोग मिल्लब jog milab, or दास बरग बेस गेल rās barag bais gel, is used. To calculate the horoscope is गिनब ginab, or जोग मिलापब jog milāēb, or दिन सुबी करब din gunni karab, or बमन पुन्ही babhan puchchhi.
- 1344. When the auspicious day for the marriage has been fixed, an announcing letter is sent to the bridegroom's father. This is known as the जान पत्री lagan patri, or simply as the चिही chitthi. The formal invitation to the wedding is नेवन्ता neñwta or नेवन्ता neota, or (in East Tirhut) नवत nawat.
- 1345. The feast given to the brotherhood at the wedding is known as महारा bhaïāra, महारी bhaïāri, महारो bhaïāre, महारो bhaïāro (Shahabad), जेवन्नार jeonār, or मोज bhoj.
- 1346. In North-East Tirhut, amongst certain castes, especially the Bikaua (विकोश) Brāhmans, caste money is paid as follows. If the bride's father is of lower caste than the bridegroom's father, the latter pays the former a sum in compensation called कविषय स्वान kaneān dān. In South Bhagalpur this is called स्व main. If the bridegroom's father is of lower caste, he pays the bride's father a sum of money called विकास bikri.
- 1347. The presents given are as follows:— चनेच sanes, डाचा dāla, or डाच दोरा dāl daura, are the presents sent by the bridegroom before the arrival of the procession. इंड dahej, as already explained, is the dowry paid by the bride's father. Before the bridegroom leaves after the welding, he goes to bid his mother-in-law good-bye. She

and the other women give him presents, which are called चलामी salāmi. Other similar presents are in South Munger प्रन pūran, and in South Bhagalpur चौंक chaunk. निदाबर nichhāwar, निदाबर nichhāwar, निदाबर nichhāwar, विदाबर nichhāwar, or चिदाब gaidān or गौदाब gaudān is the present of a cow made by the girl's father to the family priest (परोचित parohit, or (in East Tirhut) प्रोचित purohit or च्याक achārj). युरुद्धारी gurhatthi has already been mentioned as the ceremony of giving presents to the bride by the bridegroom's elder brother (§ 1325). मोद्देखार mohdekhāi, युद्धीची mudekhauni, or युद्धी mudekhi, are the presents given to the bride by her mother-in-law or other female relatives of the bridegroom on her first coming to her husband's house.

- 1348. The पिचरी piäri, पौरी pīri, or (in South Bhagalpur) किनिरेती kaniaiti, is the bride's yellow dress, and कन्हावर kanhāwar or कंघावर kanhāwar is a red loin-cloth laid upon the bridegrom's shoulder during the ceremony.
- 1349. Bringing the bride home.—This is जीना gauna, &c., vide § 1291. The procedure is as follows:—When the bride is old enough to live with her husband, an auspicious day is fixed. Some days before the date, the bridegroom's family send a present of sweetmeats, called जीना के नेपारा gauna ke neāra. On the evening of the appointed day the bridegroom and his party arrive, and after feasting go off with the bride at dawn next day. The day before, a ploughshaft (परिष haris), but no yoke or bamboo twigs, has been buried in the court-yards of each of the respective families. Before the bride and bridegroom start, their nails are cut. This is called जप पराइ nuh chhachhāi or जीप दिखाइ noh chhilāi. With the party the bride's people send one or more gaily-decorated earthen vessels full of sweetmeats, called जारा kunda or सकर mahar.
- 1350. When the party arrives at the bridegroom's house, the bride passes from the litter to the door, putting her feet into a basket at each step. This is called दौरा में गोर डारड daura meñ gor darab or घर पैसारी ghar paisari.
- 1351. On entering the dwelling the couple go into the house where the family god is, and worship him. This is called गोर खगाप्र gor lagāēb.
- 1352. As they go into the house, another ceremony, called sur

demands a present, and when it is given or promised she allows them to pass.

- 1353. On certain ceremonies performed by Soti Brahmans of East Tirhut.—Different castes and different localities have various marriage customs, but the one just described may fairly be taken as a standard Hindu marriage ceremony. It describes a marriage such as would take place in a well-to-do goāla's house in the district of Patna.
- 1354. The Soti Brāhmans of East Tirhut have several curious marriage customs which have existed for many hundred years, some of which will now be noted. The greatest care is kept in keeping up correct genealogies of members of this clan. The genealogical registers are called पाँची pānji, and they are kept up by hereditary genealogists called पाँची pānji, and they are kept up by hereditary genealogists called पाँची pānjiyār. Once a year or oftener there are great meetings of these Brāhmans at Saurāth, near Madhubani, and other places, where the panjiyārs assemble and write up the registers. They also arrange marriages after consulting their registers, and give certificates to the parents certifying that the marriage is lawful, and that the parties are not within prohibited degrees of affinity. These certificates are called पिकार माजा adhukār māla or पाउन पत्र asujan patr. The settlement of the conditions of marriage is called पिकार sidhānt.
- 1355. When the bride is of equal or higher caste than the bridegroom, the parties meet in a distant place away from both their homes, and the conditions are proclaimed by the panjiyars present. If, however, the bride is of lower caste, the following procedure is adopted:—

The bride and her family leave their house and going a little distance off erect a warm markua for the marriage ceremony. On the day appointed for the wedding, the bridegroom starts from his home with his servants under the pretence that he is going out hunting. None of his relations accompany him, and although they, of course, really know for what he is starting, they pretend to be ignorant. When he arrives within a little distance of the warm markua, he stops, and then the sidhānt is proclaimed. By this time the marriage preparations are ready, and the bride's brother comes to him and conducts him to the appointed place. On his arrival at the door the bride's female relatives, each being called for this purpose a feweral bidhkari, catch hold of his nose with one hand, and with the other hold a sheet tied round his neck. In this condition they bring him into the warm markua, and there the marriage is performed.

- 1356. After a time the bridegroom's friends pretend that he has been lost in his hunting expedition, and send a man called the wis srautra to look for him. He returns shortly afterwards, and informs them that the bridegroom has married so and so, whereupon they all fall to and abuse him. After abusing him they change their minds and reward him.
- 1357. At the marriage a barber ties some paddy in a knot in the bridegroom's waist-cloth (धोती dhoti). This is called जनम गेंडि janam genthi. This is not untied until the fourth day after marriage, which is by this sect called the चतुरकी chaturthi.
- 1358. Another ceremony is the द्योत dasaut. In this a professional dancer (बद्धा natua) comes up to the bridegroom and offers him sham sweetmeats (बद्धा laddu), in return for which he receives presents. After this the bride and bridegroom go into the कोष्ट्य kohbar to worship the family god. On the way the bride's female relations set up shops of paltry articles, which the bridegroom is obliged to buy.
- 1359. Another ceremony is award ghaskatti. In this the bride-groom cuts some grass for his father-in-law, and in return the latter promises to give him a horse.

CHAPTER IV.—MARRIAGE CEREMONIES AMONGST THE MUSALMANS.

- 1360. The writer is indebted to Kāzi Sayyad Raza Husain of Patna City for the following facts:—
- 1361. Amongst Musalmans there are two kinds of marriage ceremonies,— अर्फे (شرعي) sharaī and حرمها (عرفي) urfi, or religious and ceremonial. The more strict and educated members of the community follow the former, and the common people the latter.
- sharaī marriages are entirely free from ceremonies of any kind. After the betrothal the marriage is performed in strict conformity with the sacred law. The amount of dowry (العور) mahar) is not fixed, but depends on the pecuniary circumstances of the parties. Immediately after the marriage, the wife goes to her husband and is settled for life.
- 1363. عرفي) urfi marriages are not so frequent as they used to be. The spread of education and railways has tended to make people stricter in their religious duties, but, specially amongst the lower

orders, the following ceremonies are still in vogue. In these marriages the dowry (net (pe) mahar) is always fixed. In the cities it is fixed at one lākh of rupees, and in the villages at forty-one thousand rupees and one dinār. This is the amount of dowry promised by even the poorest people. It is needless to say that it is never given.

- 1365. In some places, before the marriage is decided on the girl's guardians first see the boy. This may be done in two ways: either the girl's people send for the boy to their house, and serve him with betel-leaf, and give him rupees or gold mohars, or else the guardian of the bride sends some relative to the boy's house. There, on his arrival, he is given sharbat to drink, and the first thing given him to eat is sweetened rice (भीटा सकर mitha chāūr). This relative reports concerning the boy to the girl's guardians.
- 1366. Betrothal.—This is an animal (ailia) mangni. In this the boy's guardian, after consulting with the other party to the contract, fixes a date, on which he sends presents with considerable ceremony. Large coloured earthen pots are filled with sweetmeats and fruits, and sent with a large party. In some places a suit of clothes is also sent. The pots are carried on the heads of maid-servants, who sing songs when they start and when they approach the bride's house. As soon as they arrive they are given sharbat to drink, and while they drink the bride's people sing abusive and obscene songs to them. The persons that supply them with sharbat receive a small present. The maid-servants are also given sweetened rice to eat in a dish covered with silver leaves and pieces of fruit. Sometimes they are given sweetmeats to eat first and then dishes prepared with salt. They are

detained for at least one day. When they leave the bride's house on their return journey, they are given presents in money and sometimes suits of clothes. They are also given a plain ring (EST chhalla), a red handkerchief, and some sweetmeats as presents for the bridegroom.

1367. The letter of promise वादा का उका (وعدة كا رقعة) wāda ka rukka.—When the time of marriage approaches, the parties, either orally or in writing, fix a date for it. Afterwards a customary letter of promise is sent, written on red paper and sprinkled over with pieces of gold or silver leaf. The letter is to the effect that such and such a day has been fixed, and that the writer hopes that it will meet with approval. Amongst poor families, the letter is sent in a bag of red cloth or velvet, together with two betel-nuts, some green grass, one or two pieces of turmeric, and a little rice. Amongst rich families, the letter is sent in a silver or golden box. The box is placed inside an embroidered bag together with the betel-nuts, &c. The whole is sent on a silver plate. The letter is always carried by a barber, who is given a handsome present, consisting of cash, clothes, and utensils by the girl's guardian. The guardian sends a reply either through the same man or through a messenger of his own. A tailor is then sent by the girl's guardian to take the measure of the boy's dress. He also gets a present from the boy's people, on going away. The marriage must take place not more than two months after this correspondence.

1368. The going into retirement of the bride and bridegroom אוֹנָ (שֹּנֵינֵם) māyūn or אוֹנָם (שׁנֵּנָם) mānjha.—After the interchange of letters, the bride and bridegroom sit in mānjha.—The girl puts on a sheet dyed with safflower, and the women of the neighbourhood and her female relations assemble, and rub her with cosmetics (שִּנְיִּבְּיִּם ubtan), singing songs as they do so. From that day the girl sits in a room, and never leaves it except for necessary purposes. She does not see the face of any man,—not even of her father or her brother. She eats only milk and fruits, and every day the barber's wife comes and applies cosmetic to her. In the meantime the boy is undergoing the same treatment. He wears similar dyed garments, is surrounded by females, and cosmetic is rubbed on his body every day. In South Munger he does not thus go into retirement.

1369. The ceremony of the grindstone—चन्नी chakki—and the washing of the pulse—হাত আহি (دالهُوي) dāl shoï or হাত ঘাই dāl dhoï.

Two or three weeks before the marriage a grindstone is put in one of the rooms of the female apartments of both the houses, which has been previously well cleaned. The following day a number of women assemble and singing, accompany the maid-servants who carry some mūng (phaseolus mungo) to a well or river. Arrived there, they joke and sprinkle water on each other, while washing the grain. They then bring it back in the same way. It is dried in the sun, and ground into flour on the grindstone by seven women whose husbands are alive (जानाविन sohāgini). It is then made into a dish called करी bari for the ceremony of करूरी (अंदिएड) kandūri (see § 1377).

- 1370. The cutting of the clothes.—This is called किता पारन्ता (قطع پارچه) kita pārcha. and takes place in the bridegroom's house. Men and women are invited, songs are sung, and the tailor cuts out the marriage dress of the bride. When it is cut, all the men present congratulate the boy's guardian, and give the tailor a small present.
- 1371. A similar ceremony takes place in the bride's house on the day of the marriage procession. There the bridegroom's wedding garment is prepared, and when it is being despatched to him the male friends of the family assemble under a canopy in the female quarters. A few stitches purposely left unfinished in the bridegroom's drawers are then completed by the tailor, who gets some small fees from those present. This ceremony is called जाज (or, in South Munger, जाना) क्योतव (ساز بيونا) sāj (or jāma) beotab.
- 1372. The vigil— ratianga.—This ceremony takes place in the houses of both parties. A spot in the house is washed, and a small wooden stool is placed therein. A new water-pot is placed on it, and is covered over with a new earthen cover. A red handkerchief is then tied on it. A garland of flowers is then placed round the neck of the pot, sweetmeats are cooked, and hymns sung entreating God to bless the bride and bridegroom. The women sit up the whole night near the water-pot, thereby intending to keep God awake. At dawn the sweetmeats and free () riham* and sharbat are offered to God. They are then distributed among the people.
- 1373. The erection of the canopy—सायावन्दी (ब्राइट्स) sāyā-bandi or संद्र्या mañrhva.—This takes place the day after the last ceremony. A canopy with four bamboo poles is erected in the female quarters. First, brown sugar is offered to the saint named Shakarganj, and then garlands are tied to each pole of the canopy. When the ropes of the canopy are being tied, the sister of the bride or bridegroom,

^{*} Rice-flour mixed with clarified butter, sugar, and milk, and made into balls.

or any near female relation of the father of either, comes in and stops the work. The persons employed are not allowed to proceed till they have promised to pay her a sum of money. When the canopy has been safely erected, a paste of sandal powder is rubbed on the faces of those present. In some places, after the erection of the canopy, a goat or a cow is sacrificed in memory of the saint Shaikh Abdul Qādir Jilāni, (شيخ عبدالقادر جلاني). The flesh of the animal sacrificed is cooked on the spot where it was killed, with rice and gram, in new earthen pots. When cooked, it is offered in the name of the saint, and then eaten.

- 1374. The same night another ceremony takes place. A potter is ordered to make a small water-pot. This is coloured and painted with figures of horses and elephants. It is called ago takes. It is placed in the courtyard and covered with an earthen cover, on which ears of rice and mango leaves are put. A four-wicked lamp (style chaumukh) is kept burning on it every night. This pot is neither opened nor removed till the marriage ceremony is over. When it is first deposited, the women sing a song over it, the purport of which is, "We have shut up storm, rain, serpents, scorpions, and worms herein."
- 1375. On the same night another ceremony, called चित्र तन (على أول) chihal tan (forty persons), takes place. A number of beggars who play the drum and fiddle are invited, and towards the end of the night a pit, four or five feet wide and two or three feet deep, is dug under the canopy. In this pit large billets of wood are burnt, while the beggars play and sing hymns in honour of the same. When the fire begins to burn brightly, they one by one fall upon it and extinguish it with their bare feet. Sometimes they carry the bridegroom in their arms while performing the ceremony. When it is over, fried gram and fried wheat mixed with sugar are offered to the forty saints.
- 1376. The song of Balaimiyan.—This is called पौर का नजा (پير كانيزة) pīr ka naija, or बार्च मीयाँ (پير كانيزة) bālai mīyān. Next day the females of the neighbourhood are invited; a spot is washed beneath the canopy, and the green branch of a mango tree with leaves on it (or sometimes simply a wooden stick 3 or 4 feet high) is erected therein. A red handkerchief dyed with safflower is spread over it. The women then sing the song of Bālai Miyān. At the same time an बार्चिया ankhiya* is put in a new earthen pot, offered to the saint, and then distributed to the people.

^{*}A kind of cake made of wheat-flour and rice-flour and boiled in water. It is shaped like the eye, ankhi: hence its name.

1377. Offering to deceased elders.—This is called اكندوري) kandūri or बीबी के प्रन्तक (بيبي كي صحنك) bibi ke sahnak, and takes place on the same night as the last ceremony. An earthen fireplace (पूक्र chulha) is prepared at home and placed beneath the canopy. The maid-servants go singing to fetch water, carrying several water-pots covered with red cloth, and accompanied by musical instruments. They must be married women of good character; they may not be widows, or women who have married twice. In the water which they bring, rice, gram, mung (phaseolus mungo), fruits of the egg-plant, and pumpkins, &c., are cooked. When cooked, first the rice is distributed on earthen plates, then on it the pulse, then a little tyre prepared specially for the occasion, and then the vegetables and cakes. On each plate one betel-leaf and one garland is laid. In some places only rice, curds, and sugar, are put on the plate, and this is called with बंदरी mithi kanduri. These plates are prepared in great number, and have been previously kept in a room washed for the purpose Then the plates are offered, first one in the name of the prophet, then one in the name of his daughter Bibi Fatma (فاطعة), then one each in the names of many saints, and then one each in the names of the deceased members of the family, so far as they can be remembered. Great care is taken to make offerings in the name of all of the last. After this the females of the neighbourhood and those related to the family who have been invited assemble in a place in the courtyard (wing angan) of the house, which has been well washed for the occasion, and sing songs in the praise of Bibi Fātma, and eat the offerings. No woman who has been married twice, or who is unchaste, dare eat out of these sacred plates.

^{*} A cake made of flour and turmeric and fried in clarified butter.

- The marriage procession.—This is बरियान bariyāt, &c, as amongst Hindus; see § 1290. When the time for the departure of the bridegroom's marriage procession draws near, the maid-servants of the bridegroom's house go out, singing songs, to fetch water. On their return they are stopped at the gate by the musicians, who refuse to let them pass till a present has been made to them. The water is placed under the canopy, where also a small stool is placed. The male members of the family assemble there, and, as songs are sung, the brother-in-law of the boy, or any near relative, digs a pit there. This is called 'digging a pond,' पोखन्ता खोदन pokhra khodab. He also gets a present for doing this. The bridegroom then bathes at this place, and puts on his wedding garments, consisting of (a) coloured drawers, (b) a kind of overcoat (जासा (جاما) jāma) dyed with the safflower, or made of प्रकरद्वा ekranga or of brocade (असावरी (اساوري) asāwari), (c) a white turban covered with a red cloth, or a red turban, (d) a garland of flowers, and (e) a handkerchief carried in the hand. He then mounts on horseback, and visits first the grave of some saint, where he makes an offering of sweetmeats, and then the village imāmbāra (इसासन्दाइन (امام بارز)),* where he makes a similar offering. He then starts for the bride's house, and on approaching it he pays similar visits to the tombs of saints and the imāmbāra there. In the meantime the bride has also bathed, put off her माँभा mānjha dress, and put on another which has been prepared either in her own house or in that of a relative.
- 1380. When the time for the arrival of the bridegroom approaches, the bride's maid-servants set out on the road on which it will come, carrying with them rice soaked in water and a newly-made ladle (\$75 dot), to which is tied a piece of red cloth. They stop at a well or a river, lay the ladle down on the ground, and cross over it one by one, eating the rice as they do so. They then dig up a faterate chirchirat shrub which they had previously noted, and carry it home, singing songs. The root of the tree is ground up and made into pills, which are administered to the bridegroom on the night of the sagran jahva (§ 1384).
- 1381. The sending of presents.—This is called বাৰক (আইন) sāchak. Before the arrival of the marriage procession a ৰবী bari is sent

^{*} An imambara is, according to Bihar tradition, a building erected in honour of the celebrated martyr Imam Hassan, the grandson of Muhammad.

[†] Achyranthus aspera, said to be of sovereign virtue to one bitten by a venomous reptile or stung by a scorpion, &c.

to the bride's house. This word has two meanings, viz. (1) a dish of cooked pulse, and (2) that here referred to,—all the following presents taken together. It consists of:—

- (1) Dresses for the bride, of from one to twenty-five suits. The first suit, or wedding dress (रोत के जोड़ा rit ke jora), is also called the पादाना (अधिके) shāhāna or royal suit. It is not worn after the fourth day of the ceremony. It consists of a pair of long drawers of satin cloth and a जाना jāma (see above) of brocade, tasar silk, or प्रकर्जा ekranga. A second suit, also of fine materials, for the fourth day is called the जोड़ा chauthi ke jora; and a third suit, for the tenth day, इवस्ता के जोड़ा dasahra ke jora. Each suit is of less value than the preceding one.
- (2) The chaplet, विचल्दा (سيوا) sihra, for the bride.
- (3) Some raw thread dyed with safflower. This is called **ৰাড়া**nāra or বভাষা (*, ৬৬) kalāva, and varies in amount
 from one or two chhatānks to a maund.
- (4) Some otto of spices, सोद्दाग के चतर (سیاک کا عطر) sohāg ke atar.
- (5) Sweet-scented oil.
- (6) A cone-shaped basket (called ছাছান মুহা sohāg pūra) of bamboo, covered with red paper and containing ছন্ত-ছন্তা chhalchhabela, নন্থ নীয়া nagar motha, বাৰ ছন্ত bāl chhar, the bark of the bay-tree (নক taj), cardamoms, sandal-wood, grains of musk, nutmeg, mace, saffron, cassia, turmeric, &c.
- (7) Sweetmeats.
- (8) Fruits, viz. almonds, pistachios, grapes, dates, cocoa-nut kernel, &c.
- (9) Spices for betel.
- (10) Fifty-two water-pots. These are small in size and are gaily coloured. In each a little rice, some betel-nuts, and some mange-leaves, are put.

These things are carried on the heads of maid-servants in procession in trays, accompanied by torches, music, and fireworks. First comes a large tray carrying the royal robes, then small trays, on each of which is placed another suit, and then the rest. The whole is covered by a long piece of cloth called **carrying** daljhakna.

1383. After this the bridegroom goes on horseback to the bride's house with great pomp, accompanied by a large party of men with torches, fireworks, and music. When they reach the house, all the men remain standing outside, while the bridegroom enters the female quarters of the house either on foot or horseback. There he sits on a wooden stool (which is given him in dowry), and his mother-inlaw (or if she be dead, some other female relation of the bride) comes to him carrying a plate containing a small lamp made of flour and a little star arwa rice. She warms her hand at the lamp, and then touches the cheek of the bridegroom. While she is doing this, a woman comes and whispers in his ear the following Hindi verse " घोने में घोषागा, खर्र में नागा। घो दुलन्दा का मन दुलन्दिन से लागा॥ sone men sohāga, sūr men tāga o dulha ka man, dulhin se lāga, i.e., borax* in gold, a thread in a needle, and the bridegroom fell in love with the bride." Then six married females (ধৌৰানি sohāgini) and the mother-in-law alternately touch the cheeks of the bridegroom with the चरना arwa rice. He is then given some sharbat to drink. This is prepared in various ways: sometimes the wet hair of the bride after she has bathed is dipped into it, sometimes a small piece of sugar is put into her hand till it becomes moist with the perspiration, and then the sharbat is made of it, and sometimes it is made of a piece of sugar which she has taken into her mouth and crushed between her teeth. Then the bridegroom stands on the wooden stool, and a maid-servant carries in the bride in her arms, and touches the back of the bridegroom with her feet, and takes her away: then the bridegroom returns to his own party.

^{*} Borax is a flux for melting gold.

1384. The energy jalua.—The day after the arrival of the procession, milk, a dish called सलीदा (ماليدة) malida or sweetmeats, and sharbat, are sent from the house of the bride to the bridegroom's party. The महोदा malida or sweetmeats are put into the milk and drunk by the bridegroom out of a cup of silver or copper, which is given to him afterwards in dowry. Then the others drink it. The same evening maid-servants come from the bride's house singing songs, and take away the procession umbrella, and under its shade seven married females grind the spices which came in the चोदाग पूरा sohāg pūra, and when ground, apply the powder to the hair of the bride, which they also tie with the area nara or string which came at the same time. The scented oil is also applied to her hair. Then the bride puts on the royal dress, a garland of flowers, the chaplet चिच्ला (क्ला) sihra, and a veil, which is thrown over her face. She takes off all the ornaments of her maidenhood, and puts on new ornaments sent her by the guardians of the bridegroom. Black powder (किसी missi) is applied to her teeth, and she is adorned in every other practicable way. During the day, it may be added, myrtle leaves have been applied to the soles of her feet to make them red. When she is ready, the bridegroom is sent for, and he comes walking, preceded by a maid-servant walking backwards. and carrying a plate on which is a burning lamp, so arranged that the smoke is thrown towards the bridegroom. When he reaches the gate of the female quarter of the house, the mother of the bride, or (if she is dead or a widow) any other married woman, meets him, and conducts him inside. The manner of doing this varies in different places. Sometimes the mother carries in her hand a plate in which lamps made of flour or silver are burning, and the wicks of which are of red cloth. A small quantity of the red thread () already mentioned is also laid on the plate. She walks backwards with her face towards him, and at every step throws down a piece of thread, and asks the bridegroom to pick it up and lay it on the plate. In this way, and at the same time touching his cheeks with her hand warmed at the lamp, she takes him into the inner yard, under the canopy. In other places the mother-in-law gives him betel to chew, which he bites and throws away.

1385. When the bridegroom comes under the canopy he sits on a wooden stool near a bed. As long as he stays there his sister (or, in her absence, a maid-servant) spreads a portion of her cloth (ercl sāri) over his head. Then the match-maker (enter (ablas) mushāta) throws a string round his neck, and pulling it gently, refuses to

let it go till she is paid something. A cloth is then hung between the bed and the stool, and the match-maker (who has also had charge of adorning the bride) makes her stand on the bed in such a way that the bridegroom can only see her face. She then places the two hands of the bride on her (the bride's) forehead, and moves the bride's head this way and that way. A coloured handkerchief, in which is tied rice and turmeric, is then given to the bridegroom, who throws it on the bride, and each time he does so he is given a betel leaf in which pieces of the root of the चिर-चिरा chirchira shrub already mentioned are wrapped up. This moving of the head and throwing of the handkerchief is repeated seven times, and the ceremony is called कालाना देव (جلوة دينا) jalua deb. The bridegroom then sits on the head of the bed, and the match-maker takes off the chaplet and veil from the face of the bride and shows it to the bridegroom, who for this favour gives her a present, and at the same time receives presents from the female relations of the bride. Sometimes, after this is done, a cup containing sandal-wood and a finger-ring of silver, which has a small cup made in the place where there is usually a stone, is given to the bridegroom, who, after dipping the ring into the sandal-wood, touches the forehead of the bride with it. In other places vermilion (सत्तर senur) is used instead of sandal-wood.

- 1386. Then the wife of the bride's brother, i.e., the bridegroom's ধাৰের (ক্রু) sarhaj, comes and sits on the bed, and throws little balls of flour at the bridegroom, who does the same to her. This ceremony is called বাঁহ উদ্ভাব gend khelab. A maid-servant then carries off the bride in her arms, followed by the bridegroom, who catches hold either of a corner of the bride's sheet (বাহা chaddar) or her finger.
- 1387. It must be noted that throughout all these ceremonies the bride has kept her eyes shut, and never moves on foot, but is always carried in the arms of a maid-servant.
- 1388. The bride and bridegroom are then made to stand in an outer room (इंडाइ dalān), and in the hands of both a little rice is put, but the hand of the bride is turned backwards. They are then caused to toss their hands up in the air, by a maid-servant, and thus the rice is scattered through the house, and the bride says at the same time that she is filling the house of her father and mother. The bridegroom also says that he is filling the house of his father and mother-in-law. This ceremony is called **EXECUTE** ghar bharab. The bride is then carried

off to a well-furnished room, where the bridegroom takes off her shoes with his own hands.

- 1389. The departure of the procession.—This is على المنافعة المنا
- 1390. When the bridegroom goes off to his own house with the bride, she is carried in the arms of a maid-servant, and keeps her eyes shut till she reaches the court-yard of her husband's house. The sister of the bridegroom first meets her with a jug of water and washes her feet in a plate, which she (the sister) keeps as her perquisite. After this the ceremonies of ut ute ghar bharab and seem nabat chunab are performed again in the bridegroom's house.
- 1391. The ceremony of the fourth day.—This is चौथी chauthi or जीयारी chauthāri. It takes place on the fourth day after marriage, i.e. on the day after the arrival of the bride and bridegroom at the latter's house. The bridegroom takes off the thread area with which the hair of the bride had been tied. The women of the family then bathe the bride in the female apartments, singing songs at the same time, and the bridegroom himself bathes outside. Sometimes the bridegroom also bathes inside. The bride then puts on her dress made for this day (see § 1381), and the bridegroom also puts on the dress given him by his father-in-law. The bridegroom then enters the female apartment, and joins in the ceremony of attjua, or gambling. Seven spotted shells (चिन्नी कोड़ी chitti kauri) and a necklace (ৰাহৰ ছাৰ chandan har) are thrown up in the air. A maidservant extends the bride's hands, and the bridegroom his own, and both try to catch the falling necklace. The one who succeeds wins the game.
- 1392. Two or three days after the arrival of the bride in the bridegroom's house people come from her house to take her back. The bride's

younger brother and other relations may form some of the party, but not elders, such as the father or uncles. They bring with them presents of sweetmeats, rice, pulse, a goat, &c., varying in quantity according to means. Two or three days afterwards they return with the bride and bridegroom.

1393. The ten days' stay.—This time the bridegroom stays nine or ten days in his father-in-law's house. This stay is called the **EURICI** and dasahra khāna. On their arrival a room is made over to the bridegroom in the female apartments, and the bride is made to walk into this room accompanied by her female relatives and those of her husband, all singing songs. This is the first time the bride is allowed to walk since the commencement of the ceremonies. Up to this she has been always carried about. When the bride approaches the bridegroom in this room, he is expected to salute (**UNIW** salām) her. If he does not do so, showers of abuse are poured upon him.

This concludes the wedding ceremonies.

CHAPTER V.-BIRTH CUSTOMS GENERALLY.

- 1394. An adopted child is amongst Musalmans मोतन्सवा (منبنی) motmanna. Amongst Hindus he is पालक pālak, पोचन्प्रत posput, or पोचन्पालक pospālak. Local names are पोचन्बेटा posbeta or पोचन्पालक posbālak in the south-east, and करन्ता प्रतन्त karta putr in East Tirhut. To adopt a child is पोचिया लेच posiya leb, गोद लेब god leb, or राम पर लेव rās par leb.
- 1395. When a woman cannot suckle her child, owing to pains in and hardness of the breast, she is called यने जिया है। thanailiyāhi. Inability to suckle on this account is यनेजो thanaili. When a child is not well nurtured owing to the untimely death of its mother, or to her milk running dry, it is called दुवादद्वा dudhtutua or दुवावद्वा dudhkatua. In South Bhagalpur it is कलारा kalra.
- 1396. A seven-months' child is समन्तांस satwāns or समन्तांस satwānsa generally; also समन्तांस satwānsu south of the Ganges, समन्तास satmās in North-East Tirhut, and समन्तास satmasua in South-East Tirhut and South Bhagalpur. An eight-months' child is स्टब्सेंस athwāns generally; also स्टब्सेंस athwānsu south of the Ganges, स्टब्सेंस athmās in North-East Tirhut, and स्टब्सेंस athmās in South Bhagalpur.

- 1397. An only child is प्रकारी eklauta; also प्रकार ekthula in Shahabad and प्रकारियाँ ekauniyān in South Bhagalpur. A first-born child is परिजीटा pahilautha. The youngest child, i.e., the last which a woman has, is called पंटापाँ इसा petponchhua or कोर्पाइसा korponchhua. When a girl is born after three boys (which is considered very lucky), she is called a तेतर tetar, and she is even often named नेतरी tetri. In the south-east, however, a girl born after two and not after three boys is so called. A child whose elder brother is dead is called सराज marāchh, or सरकारा marachhua, or (in South Bhagalpur) सरोजा marochha, and (in North-East Tirhut) सबरे machhaī. Such children are treated and dressed as girls, sold to the midwife for a few cowries, and brought back again and given opprobrious names, in order to induce the demon of death to think them of small account and not worth killing.
- 1398. When a woman has a child every year she is बरन्सदन barsāin, or in South Bhagalpur बर्सेनो barsaino. A woman with only one child is value ekaunj, or to the east and want kak banjha, or also kaua banjh. The latter name is said to be derived from the children's game of काग दुवस kāg durus, or "odd or even." In this game one boy guesses whether another has an odd or even number of cowries in his hand. If he guesses an odd number he says काग kāg, or if an even one दुर्स durus. Hence काग kāg means an odd number, and specially 'one.' A barren woman is बॉक bānjh, बॉक बहिला bānjh bahila, or (in the south-west) बॉकिन bānjhin. A woman after delivery, until the purificatory ceremonies are performed, is अञ्चलांती alwānti or परन्तीती parsauti. The lying-in room is north of the Ganges चोद्दी soiri, and to the east also चोण्ट soer. South of the Ganges it is सौर saur, सौरी sauri, or जचा साना jachcha khāna. In this a fire is kept burning for ten days after the woman's delivery. This fire is known to the north-east as अगियाची agiyāsi, and in South Bhagalpur as पोड़ा pora. Elsewhere it is पर्वेंची pásanghi, with a variant vini pásangi in the south-west and in South Munger.
- 1399. The presents given to a woman in a state of pregnancy are known as परार sadhor. In South Bhagalpur such presents are given after delivery, and are called परोरा sathora. पर्वाची achhwāni is caudle given to a lying-in woman to produce milk. It is also called परोरा sothaur in the north-east and परिवेश sonthaura in Gaya and the south-west. Another name current in the north-east is

समन्तसी adhrassi; in South Munger it is महत्ता kadwa, and in South Bhagalpur सादो गृड़ ādo gūr. The longing of a pregnant woman is दोस्ट dohad or सनन्तसम manchalab. The earthen cakes which she is fond of eating when in this condition are called समन्दा khapra.

CHAPTER VI.—CEREMONIES PECULIAR TO THE BIRTH OF A HINDU CHILD.

- 1400. When the labour pains commence, the चमाइनि chamāini or चरेनी chamaini, i.e. the native midwife, is sent for. She is also called दगर्गात or दगर्गान dagrin. On her arrival she puts a finger-mark (zan tika) of vermilion on the wall. This ceremony is called सोरारी sorāri, and is supposed to hasten the delivery of the child. As soon as the child is born, the midwife washes the forelock (see lat) and feet (गोर gor) of the mother, which operations are called जटन्योचार latdhoāï and गोरन्धोचार gordhoāï respectively. She gets a fee (नेग neg) for doing this. The child's navel-string (art nār) is then cut. If the child is a HTTW marachh (or HTW-9T marachhwa), i.e. if the child which was born before it from the same mother is dead, the navel-string is all thrown away. Otherwise it is buried in the floor of the lying-in room, and over it the fire (पर्ची pásanghi) is placed. The latter is called in South Bhagalpur पचन्नी pasni or घूर ghur. The child's body is then rubbed with कोडन्यार kothwar, which is the dust of a sun-dried granary (कोडी kothi), in order to take off the feetal exerction (कावर jāwar or जाँवर jāmwar). The midwife's fee for cutting the navelstring is नारक्ताइ nārkatāi or नरक्ताइ narkatāi.
- 1401. When the child's body has been thus rubbed with dust, it is bathed in lukewarm water, and then the midwife throws it up in the air and catches it again five times. This is called ভবিলা ভালামৰ larika lokāëb. At the same time another woman strikes a brass dish (यारी क्लाम्ब thāri bajāëb), and the mother holds in her hand a handful (जेंद्ररी anjuri) of grain, which last is the perquisite of the midwife. The afterbirth (चिक्रक्टी lijhri or बार प्रेंच nār purain),* &c., is then thrown away in a vessel called चपर्रोर khapraur or (in Gaya) चपर्रोड़ी khaprauri, for which the midwife receives a fee called चपर्रोर फॅकार khapraur phenkāï.
- 1402. Two or three days after the birth, when the valled prohit or family priest has fixed on a lucky day, the ceremony of नदावन

^{*} The after-birth of an animal, as distinguished from that of a human being, is *** jhar or ***** jhār.

nahāwan is performed. This consists in नीम nīm (azadirachta Indica) leaves being boiled in water, and both the mother and child being bathed with the decoction. Then a handful of seeds of TT rāi (mustard, sinapis racemosa) and जैवाँदन jenwānin (dill, ligusticum ajowan) is waved (निकायर करन nichhāwar karab or चौंकन aunchhab) round the mother's head and thrown into an earthen cup containing fire. When the seeds are consumed, the cup is upset, and the mother breaks it with her left foot. Then she sits with grain in her hand, while the brass dish is again beaten, and the midwife again throws the child five times in the air. This all takes place in the court-yard of the house, and is done to avert the evil eye. It is the first day on which the mother comes out of the lying-in chamber. The same day this chamber is plastered over with fresh mud, amongst the rich by a maid-servant, and amongst the lower classes by the husband's sister ननद (nanad), who gets a fee for this, called चोदरी जिपाद soiri lipāi or (south of the Ganges) चौर जिपाद saur lipāi. The same day the washerman takes away the lying-in clothes (कृत-का के कप-इा chhutka ke kapra), and washes them. His fee for this is called इतन्ता chhutka.*

- 1403. The next day after bathing, the barber pares the mother's nails, which ceremony is called নাৰ-হন্ধা nohtungi or নৰ-হন্ধা nahtungi, and his fee is known as নাৰ-হ্যাহ nohtungāï.
- 1404. On the seventh or eighth day, when the mother is first able to eat rice, the ceremony of states kheārhi jorāëb is performed. A hole is dug in the ground, into which milk and water are poured. The mother sits close to it, and eats her first dish of cooked rice. From this day collyrium (stat kājar) is put on the child's eyes. Before this, when oil was rubbed on the child's body, the child had been laid on its back during the operation, but henceforward it is laid on its face for the application. From this day, also, the mother gets a bed to sleep on. Up to this day she had been fed only on caudle and on a mixture of oil, turmeric, and molasses (static property).
- 1405. On the twelfth day the ceremonies of दोनी काँकर donni jhānkab and करो chhathi are performed. Sometimes the latter ceremony is omitted. In the former, five दोनी doni or दोना dona, which are a kind of platter, are prepared of leaves of the jack-tree (करावर kathar). In these cakes (पूरी pūri), rice milk (कीर khīr), &c., are placed. Sometimes the leaf platters are omitted, and rice milk, &c., is simply laid

^{*} The washerman caste is considered an unclean one because its members touch these garments.

on the ground over the cakes. Worship is then performed, and the articles eaten.

- 1406. The was chhathi or well chhatthi ceremony is also called in Tirhut wishes chhathiyar or wis chhathi. As its name indicates, it should properly be performed on the sixth day after birth, but this rarely occurs now-a-days. When it is held on the twelfth day it is also called accelled accelled barhi. In this ceremony a kind of square marked with diagonals and made of cowdung is fastened on the wall. At every corner and intersection cowries are fastened, and the whole is painted with vermilion, and cakes, &c., are laid before it. The child is then oiled, has collyrium applied to its eyes, is wrapped up in a cloth, and placed before it. It is then dressed in new clothes, and rings (agrabara) are put upon its arms and feet for the first time, and some money put into its hand. On this day also the child is named, and the relatives are fed.
- 1407. The ceremony of purification performed on the fortieth day after birth is called दिसा chhilla. In South Munger a similar ceremony takes place on the twentieth day, and is called वन-दोनी basdauri. The ceremony of first feeding the child with rice is called वन-पन्यावन anprāsan, also (south of the Ganges) विद-विवाद khirkhiyār and विदन्तवाद khirchatār. In Gaya it is निसक चरी nimak chasi, and in South Munger चटावन chatāwan.

CHAPTER VII.—BIRTH CUSTOMS AMONGST MUSALMANS.

- 1408. The navel string (नार nār) is cut by a चमने chamaini, and the child is then bathed गोचन कराण्य (غسل كرونا) gosal karāeb. Sweetmeats are then consecrated (नियाज करव (غيازكرنا) niyāj karab) in the court-yard by the male members of the family, and the milk of a respectable and virtuous woman is given to the child in a shell (चित्रचा situha). This ceremony is called दुष-पिजाद dudhpilār. The people are then called to prayers by striking a brass pan (चारी thārı) with a stick, and this custom is called वन चल्लात (إن علوات) ban salvāt. In South Munger it is called वान चल्लान bāng salvāt.
- 1409. The lying-in room, in which the mother (परन्तीत parsauti) is, is always kept warm with an जीती angethi or moveable stove, and is called चौरी sauri, &c.; see § 1398. Caudle (चक्रवानी achhwāni) is given to her to produce milk, and oil mixed with turmeric and molasses is given to her to make her strong. This last mixture is called चरन्दी गूर hardi

- gūr. Until milk flows in the mother's breasts, the child is wet-nursed with the milk of the woman whose milk was given to it immediately after it was born.
- 1410. On the third day the mother and the child are bathed and dressed in new clothes, and the women of the neighbourhood come and sing songs, and receive oil and vermilion. Up to this the mother has had nothing to eat except the caudle and the mixture already mentioned, but now she is allowed to eat food and to sleep on a bed.
- 1411. On the same day the washerman takes away the lying-in garments, and the barber pares the mother's nails and shaves the child. The former operation is called ৰহন্ত nahtungs, and the latter ৰাজ নমানী (بال قراشي) bāl tarāshi.
- 1412. The fees of the midwife (चमेनी chamaini), of the washerman, and of the barber, are all known as परन्तीवी के बमाद parsauti ke kamāi.
- 1413. On the same day the lying-in room is plastered over with mud plaster. This operation is known as सीपर जिसाइ soer lipāi.
- 1414. On the fortieth day the consecration ceremony (विवास (نياز) niyāj) is again performed, and the relations are fed.
 - 1415. Circumcision is खतन्ता khatna or सञ्जत sunnat. See also § 386.

CHAPTER VIII. - DISPOSAL OF THE DEAD AMONGST THE HINDUS.

1416. The burning of a corpse is the table deb, with the agi deb, the table degadh karab, or and jarab. In North-East Tirhut it is also that the south-east arms jarabb. When a Hindu dies he is taken out of the house and placed on a bier. A bier is the ranthi generally; also that it in South-West Shahabad, and that in the east generally, and dhath in North-East Tirhut, used pharki in South-East Tirhut, and and chache in South Bhagalpur. Sometimes he is simply placed on a bed (actual charpai or attalkhatiya). Four men, who are called attal and and the analysis of the janihar, or in South Bhagalpur and the kankathiya, carry the bier on their shoulders and set it down on the ground outside the village. This is called and factor nagra bierañou and is done in order that the people who are to accompany the corpse (who are called attalkatiya) may collect.

- 1417. After the departure of the corpse from the house the walls of the latter are plastered over with fresh plaster, and outside it are placed a stone, cowdung, iron, fire, and water for the मजिल्हा majiliha to touch on their return from the cremation.
- 1418. The four men who carried the bier take it on, when the people have collected, to the place of cremation on the bank of a river. This place is called असमान asmasān, or मुर्द्रश्री murdhatti north of the Ganges. In North-East Tirhut it is अमन्यान samsān. South of the Ganges it is चिरार chirār or चिरारी chirāri, or to the South-East मरम्बरी marghatti or मुरम्बरिया murghatiya. In East Tirhut it is also called भरम्बर marghat or मुरम्बरी murghatti. They then bathe the corpse (नचनापन nahwāëb or असनान करापन asnān karāëb). The heir or chief mourner (करना karta) then has his head, beard, and moustaches shaved (भरूर करापन bhadr karāëb), and puts on a dress of mourning (अनरी utri or कपनी kaphni). He then dresses the corpse in new clothes, viz. a waist-cloth (कचा kachchha) and a sheet, washes its mouth, and then with the assistance of the other men places it on the funeral pile. To dress a corpse in this way is कपनापन kaphnäëb.
- 1419. A funeral pile is चिता chita generally, also चैती chaiti in Gaya and जारा sāra in Patna and the south-east. To prepare it a trench is dug in the form of a cross and four pointed logs (खूटा khūnta) are driven into the ground at each end, and between them the logs of wood are piled. When the corpse is placed on the pile, the chief mourner (करन्ता karta) anoints its mouth with a mixture of गुरुख gugul (gum of the amyris agallocha), barley, incense (भूप dhūp), waternut (मखाना makhāna), honey, sesamum, and sweetmeats. He then buys fire (चागि मोल जेव āgi mol leb) from a डोम Dom (some, however, take fire from the house), and with it lights a long torch (जुका lūka). He then walks round the corpse five times, touches its lips each time with fire (पचन्करन्मा pachkarma), and sets fire to the pile (इगच करन dagadh karab). When the body is nearly burnt, each of the persons present throws five sticks into the fire. These are known as प्रान्तिवा pachkathiya north of the Ganges; in Gaya and the south-west they are पँच चाति panchāgi or पँचचित्रन panchagin; in Patna they are पँच जनका panchlakri; and in the south-east as पदःकाड pachkāth or पदःकाडी pachkāthi. When the body is nearly all consumed, the fire is put out (पानि देन pāni deb) with handfuls of water, and the remaining small unburnt portion is thrown into the river for fishes and tortoises (सर-कर का machhkachh la). They then wash the place where the body

was burnt, and the chief mourner (करना karta) plants a tulsi tree near by, and writes on the ground the words राम राम rām rām.

- 1420. They then bathe at another landing-place (बाट ghāt) and sit down. Then the बर-ना karta gets up first and walks towards home, followed by the others. When they arrive at the door of the house, they touch the stone, cowdung, iron, fire, and water already mentioned, and then their left ears, each with the little finger of his left hand. This ceremony is called बाद बादी उतारव kān kāthi utārob. They then separate. Some castes, however, instead of performing this ceremony, simply bite a piece of bitter nīm leaf, and then go home.
- 1421. Offerings are sometimes made to the manes at the time of cremation, and these are called in South Tirhut অভাগৰ মুলা asmasān pūja, or মুল্বিছো panchpinda.
- 1422. The day after the funeral the acous karta goes to the place of cremation, and pours on the site of the pile a little fresh milk. This is called चिंता चेराप्य chita seraeb. He then comes to the village pipal tree, where he finds the barber and the family priest (4.1) (a prohit) waiting for him. The former has some fresh milk, and an earthen vessel (कंटिया kantiya) carried in a sling (चिक-६२ sikhar) of मूज mūnj rope. There is a hole in the bottom of the pot, partially stopped up with a plug. The karta hangs this up on a branch of the tree, so that its contents will drip out through the hole on to the root. He then fills it with milk and water and covers the vessel with an earthen cup (दक्की dhakni). He then goes round the tree three times, and goes home. The whole of this ceremony is called वयर टाँगव ghant tāngab. On reaching home he feeds his relatives with rice-milk and urid pulse. and himself eats off a potsherd (aux khapri). Before commencing to eat, each person places a small quantity of rice and milk from his platter (प्राप्त pattal) apart on another platter. This is called बचाइ काइब ruah karhab, and the whole ceremony is called guing dudhmunh or इयन्स्री dudhmunhi, and also दुघी dudhi in South-East Tirhut.

This rite is called दीया बाती diya bāti, or (in East Tirbut) सुख राति sukh rāti, and in Patna चिराग बनी chirāg batti. Up to the tenth day the करन्त karta every day after bathing throws into the river or the well a handful of sesamum (निज til) mixed with rice and water. This is called निज्ञें चर देव tilānjur deb.

- 1424. On the third day after the death the rite of নিৰোধী tirāti is performed, and in South-East Tirhut, on the fourth day, the অধ্যাদ্ধৰ athsanchan. On the seventh day is performed the খনন্দ্ৰাদ্ধ satnahāeb. In this the male members of the family touch oil and oil-cake (খৰী khari), and then bathe. When they return, the females do the same, and on their return to the house they put oil and vermilion on their heads, and a little gram soaked in water (খৰুবা akuri) is given to each.
- 1425. On the tenth day is performed the rite of इसन्तरम das karm, also called इसन्तर्ग daswān, and in Tirhut इसनातन्द dasgātr, and in North-West Tirhut इसाची dasāhi. On this occasion the male relatives shave their heads, and those who are sons of the deceased their moustaches also. Then the Brāhman who performs such obsequies, and who is called कव्याहा kantāha or महावासन mahābāhhan, comes, and performs the ceremony of making obsequial offerings पिका पराप्त pinda parāëb. If the deceased is a male, this Brāhman gets as a fee all the requirements of a man (clothes, bed, shoes, umbrella, fan, dishes, lota, &c.), and, if a woman, all those of a woman. On the eleventh day offerings (पिका pinda) are again made.
- 1426. Brahmans are then feasted. This is called असन्भोज brambhoj, भोज bhoj, or कारज kāraj. Amongst Brāhmans this takes place on the 13th day after the death, amongst Rajpūts on the 14th day, amongst Vaisyas and amongst some Sūdras on the 16th day, and amongst other Sūdras after the expiry of a month. The ceremony is as follows:—In the day-time, the परोदित prohit or family priest performs the furt pinda ceremony, and after it the arear karta sits on a square marked on the ground (चौका chauka). A new turban is tied round his head, and he is dressed in new clothes. This is called पगन्दी वन्दाप्रव pagri banhāëb. The relatives also put into his hand an offering of money, called नेवन्ता neota. Brahmans are then fed (ब्राह्मन जेवन्नार brāhman jeonār). Afterwards, in the evening, the caste brotherhood are fed. On this day the widow of the deceased is clothed in her widow garments, which are known as रॅड्डिशरी ranr sāri, or (in Tirhut) रंड्न्सर ranrear. Amongst the upper castes this is a white cloth, but amongst the lower ones it is a coloured one.

- 1427. In the case of the death of a male, पिष्टा pinda ceremonies are performed six months and a year after death: the first is called क्याची chhamāsi, and the second बरन्दी barkhi. When, however, a marriage has to be celebrated in the family, the ceremony is performed three months after death, and is called विजन्मची के पिष्टा tinpakhi ke pinda. On all these occasions also Brāhmans and the caste brotherhood are fed.
- 1428. When all the funeral ceremonies have been performed in the orthodox way, they are called किरिया करून kiriya karm. When the body is merely thrown into a running stream, it is called पर्वास parwāh or कार्यावास jalparwāh. On five days in the month a body must be burnt with five effigies of कुन kus grass (poa cynosuroides). These images are known as कुन्युकर kusputr, and the days as प्रक panchak or प्रका pachka. In the south-east they are प्रक pachchak. The visit of the women to condole after a death is सुँच देखन muñh dekhab, प्रकारी puchhāri, or प्रकार puchhāro.
- 1429. Some Hindu and semi-Hindu sects and castes bury their dead. The principal of these are Kabirhas (कविरन्दा kabirha), Saiva mendicants (कविष्य atīth or समाधी sanyāsi), Sib Nārainis (सिव वार्रेनी sib nāraini), and Mushars (सुसन्दर mushar). To be buried is समाधि (or समाध) जेव samādhi (or samādh) leb, and to bury is सिही देव mitti deb or समाध में वैसाएव samādh meñ baisāeb. The body is bathed and dressed in new clothes, the necklace (कब्दी kanthi) and sectarian mark (निवक tilak) are put on his neck and forehead respectively, and he is seated in the grave facing the north with the feet crossed under the buttocks (पदान्थी वैस्व palthi baisab) and with cakes in his hand.

CHAPTER IX.—DISPOSAL OF THE DEAD AMONGST MUSALMANS.

1430. The corpse immediately after death is taken out into the verandah (साप्रवान sāebān) or court-yard (पांगन āngan). It is stripped and a new waist-cloth (ज्यो lūngi or लङ्गी lungi) is put on it. It is then washed (गोपन करापन (فَسُلُ كُوانًا) gosal karāëb). The man who washes has a kind of bag (called सामी (ماني) sāfi) on his hand, with which he wipes the corpse. He then performs the ceremonial ablution of the corpse (वज् करापन (اوضو كرانا) waju karāëb). This consists in cleaning its teeth, washing its hands, inside of the mouth, forehead, face, arms, and feet. He then dries it with a clean

- and is given to the barber, who attends to call the relations, and, when they are assembled, to look after their refreshment. A fresh waist-cloth is then put upon the corpse. Amongst the Sunnis this washing is generally done by friends of the deceased, but amongst Shāas there is a special class of men who perform this work. The water with which the corpse is washed has been boiled with leaves of the at bair tree (zizyphus jujuba), and to this plain water is added. This washing is said to preserve the corpse from decay for a short time.
- 1431. A sheet is now taken, and a hole torn in the middle, through which the head of the corpse is put. The rest of the sheet hangs down before and behind. It is called and jhul or a uniful or a un
- 1432. For four days after the death nothing is cooked in the deceased's house, and the family is supplied with food by the relatives. On the third day the brethren all assemble in an open place and 1½ or 2½ sers of gram, some flowers, betel-leaf, and sharbat, are taken there. Each man then takes up a grain of the gram, and after reciting a benediction over it drops it on a cloth spread for the purpose. The benediction is called ((3)) darūd. They go on doing this till all the grain is exhausted. It is then given to beggars, and the sūra or chapter of the Qur'ān entitled qul huwa-l-lāhu is read. Each one then drinks sharbat, takes betel-leaf, and the meeting separates. This ceremony is called by the educated sa (3) kul, from the first word of the title above quoted. By the ignorant it is called a pān phūl. It is the conclusion of the funeral ceremonies.

CHAPTER X.—CEREMONIES AT PLOUGHING AND SOWING AND TRANSPLANTING.

- 1433. In the south-west on the first day of ploughing the villagers scatter rice-flour over the plough and yoke. This ceremony is called समझत samahut. A similar ceremony is the स्रामहर्ग harmahūrat north of the Ganges, also called समझत samahut in Tirhut, in which a handful (मूँड mūnth) of grain is thrown into the field at the north-west (भाषा bhandār) corner. In South Munger the plough is worshipped. The ceremony is called स्रामीना harmotar, and in it a vessel of water is poured over the plough in the name of the earth-goddess सर्गी मार dharti māi.
- 1434. In South-West Shahabad the सूट पूजा muth puja is the feast at the time of commencement of sowing. The villagers give handfuls of grain to the herdsman and watchman. It is also called दिवार पूजा dihuār puja. In South Bhagalpur the सूट पूजा muth puja consists in the cultivator feeding his labourers on rice and milk. On the last day of sowing breadcast, a small quantity of seed is brought back to the homestead and shut up in an earthen pot (कूँदा kūnra), after which food of extra quality is prepared. This is called generally कुँद्र-सुन्दन kunrmundan or कुँद्र-सूनन kunrmūnan; also दरनीयन harsodhan in Champāran.
- 1435. On the first day of transplanting rice a feast is given. This is called पिरोप pahirop in Patns, and पिरोपा pahiropa in the south-east. In East Tirhut it is खेत भोज khet bhoj, or खेत भोजनी khet bhojni. South of the Ganges on this occasion the cultivators face the east and plant five rice seedlings (मोरी mori). This is called पंचाइड panchāith in Shahabad, and पचाँशी pachānti elsewhere. On the same occasion in South Bhagalpur wine, milk, fried grain, and oil are offered to the gods who protect the field from blights and mildews. This ceremony is called गोडी gochhi. In South Munger on this occasion a deity of the Hurstan caste, named History Murkatwa, is worshipped. The legend about him is that a cultivator once sent this man, who was his labourer, home from the fields to get some seedlings. On the labourer's return the cultivator observed a spot of vermilion (det senur) on his forehead, and concluded that he had been debauching his (the cultivator's) daughter, who was at home at the time, and had given the seedlings. The man was quite innocent, but the cultivator in a rage killed and hid him in the earth. He is hence worshipped as a martyr, especially by his caste-fellows.

North of the Ganges, on the first day of transplanting a feast is given to the neighbours. This is known as गवा gawa or गावा gāwa, and to give it is गवा चेव gawa leb or गवा खगाएव gawa lagāëb.

- 1436. The feast at the conclusion of rice transplanting is बॉजः सी aunjii in South Bhagalpur, बन्दसः banusra or बनुसार banusār in Gaya, and बहाड़ी uchhāri or बन्दसार banukhāo in Patna. In Sāran, when the transplanting is over, a handful of seedlings is planted with ceremony in a corner of the field. This is called केना इंटरी kena dehri.
- 1437. In planting sugar-cane, before commencing, the direction of the wind is tested to judge of the probability of rain. This is called पवन परिका paban parichehha in the north-west. The day on which the planting of this crop, as well as of the spring crop, is commenced, is called सूट mūth, and when it has come they say सूट बागब mūth lāgal. When the planting is concluded five long canes are planted in the middle of the field. This is called पँचव panchukh or पँची a panchaukh north of the Ganges, and पचन्याँ pachkhānr south of it.

CHAPTER XI.--HARVEST CEREMONIES.

- 1438. When the crops are cut, some of the new grain is taken home and eaten with certain ceremonies. This feast is known as नेवान newān or नेवानो newāni, or to the south-east as नेवान nemān. When the grain is collected on the threshing-floor, a cake of cowdung is placed on the top of the heap to avert the evil eye (see § 839). South of the Ganges worship is also done to the village deity or दिखाना dihwār. A similar worship in South Bhagalpur to propitiate ghosts is called दानो पूजा dāno pūja.
- 1439. The ceremony of the first cutting of the sugar-cane takes place, south of the Ganges, on the festival of the a same deb uthan or the Ganges, on the festival of the a same deb uthan or the first deothan. This takes place on the 11th of the bright half of Kātik (i.e., early in November), and is said to be the day on which Vishnu wakes from his four months' sleep. In South-West Shahabad, on this day, the villagers tie a few canes together by the leaves, and place a neck-ring (the hansuli) on the top. They then pour perfumes over it, take the neck-ring away, and commence cutting. When the crushing of cane is begun a ceremony is performed, called from pithār in South-West Shahabad, the samahut in the rest of that district, the petāwan

in Patna and Gaya, and पचाधन pachghan in the south-east (see also § 299).

1440. In Shahabad, on the first day of crushing cane, the villagers take some juice home to cook with rice. This dish is called राजावर rasjāür. The ceremony at the first boiling of the juice is मिडाइ mithāi in the south-west, and चिर्जी sirni in Patna and Gaya. A similar worship of a god, who is called कोइडा माना Koïla Māta, exists in the south-east. This god exists elsewhere as a deity protecting wells.

CHAPTER XII.—MISCELLANEOUS.

- 1441. Among the lesser known festivals may be mentioned the following. The जरम यावा or चिरामा chirāga is, south of the Ganges, a festival held in honour of the Musalman saint मखन्द्रम साह Makhdūm Shāh. It takes place on various dates in different places, e.g. in Patna City it takes place in the month of Bakrā'īd (about December), and at other places in Bārah wafāt (about March). मखन्द्रमाना makhdumāna is a rite performed in his honour by landlords.
- 1442. The इड बरन्त chhath bart is a Hindu festival in honour of the sun held on the 6th of the light half of Kātik (early in November). The दवान पूजा dawāt pēja is held by men of the Kāyasth caste on the 12th of the light half of Kātik (i.e., the day but one after the diwāli). On this day they worship their inkstands and will not touch pen and ink.
- 1443. In the north and east, on the 3rd Bhādoń (August-September) occurs the तीज tij, on which women fast a day and night in honour of the goddess पावेती Pārbati, and eat अन sattu (ground parched grain) next day. On the last day of Bhādoň occurs the अन्य anant or अन्य anat, on which day both men and women fast. In the same tract the अवस्य is a festival on which the women eat अन sattu with sugar and clarified butter.
- 1444. The चलरनीज akhartīj in Patna, चलरनीजिया akhartijiya in Gaya, and चलरनीन akhartīt in South-West Shahabad, is the feast on the 3rd of the light half of Baisākh (early in May), on which the obligations of the spring harvest are cleared off. In South Bhagalpur it is called चले तिरातिया achhai tirtiya.

- 1445. On the 5th of the light half of Sāon (early in August) occurs the feast of the नाग पद्यमी nāg panchami, also known as जाग पद्यमी lāg panchmi in North-East Tirhut, नक-पाँचे nakpānche in Shahabad, नग-पाँचे nagpānche in Patna and Gaya, and जग-पाँचे lagpānche in the south-east. On this festival the women mark their houses with lines of cowdung, and worship रेप-नाग sesnāg (the Serpent of Eternity) with milk and parched grain (जाना lāwa). On the गोनर पाँचे gobar pānche, which falls on the 5th of the dark half of the same month (late in July), the same god is often worshipped in Patna instead of on the former festival. This is called वेदरा पाँचे behra pānche in South Bhagalpur.
- 1446. गोधन godhan is a woman's rite in which they make cow-dung figures of scorpions, snakes, &c., and beat them. To the south of the Ganges, in Bhādoñ (August-September), the women fast for twenty-four hours and make cowdung figures of Ganes and lay brambles (भाइ भूड़ jhār jhūr) in the court-yard, saying the words अपन करन्म भेयक धरन्म भाइ भूड़ द्विधाव को appan karm bhaiyak dharm jhār jhūr ghusiāue hī, an incantation which literally translated means, 'I cause my own fate and my brother's virtue to enter the bramble.' This incantation is supposed to benefit the speaker and her brother in some mysterious way. A similar ceremony is called करन्मा धरन्मा каrma dharma in South Bhagalpur.
- 1447. The ভিভবিষা jiütiya to the west and the ভিনিয়া jitiya to the east is a fast and worship performed by women on the 8th of the dark half of Kātik (late in October) for the benefit of their children.
- 1448. In Patna the festival of the holi festival (full moon of Phāgun or middle of March) is distinguished by the custom called जुकारी lukāri or जुक वारी lukvāri. In this, at night, the village children throw lighted torches across the boundaries of the village into the neighbouring village. This is supposed to be lucky for the village which throws, and unlucky for the village which receives, and is a source of frequent fights.
- 1449. On the day between the 15th of Chait and the 15th of Baisakh (about the 15th of April) when the sun enters the sign of the Ram (भेख mekh), it is customary to feed Brāhmans with अन् sattu (ground parched barley), दिकोड़ा tikorha (immature mangos), and water, and to give alms. This feast is called the अनुन्यादन satuān or अनुन्यादन satuān. In South Bhagalpur this festival is held on the last day of Chait, i.e., the last day of the

Bangāli year. On the following day there is in Tirhut a curious festival, called the जूड़ सीतल jūr sītal. The people bathe in water drawn the previous night and eat food cooked at that time, after worshipping स्वास्त हैंबी Sitla Debī, the goddess of small-pox. Then from morning till noon all classes, rich and poor, cover themselves with mud, and shower it on all whom they meet. No one is free from this mud bath. In the afternoon the people go out with clubs and hunt jackals and hares and whatever animal they can find in the village. On their return home they boast of their valour in having killed this and that jackal, and the phrase जूड़ सीतलक विपासी jūr sītalak sipāhi is used like सोस्टास के सिपासी moharram ke sipāhi to signify a braggard.

CHAPTER XIII.—ARBITRATIONS, OATHS, &c.

- 1450. A body of arbitrators is पँचारत panchāit to the north and west. In Patna and Gaya it is पँचीत panchīt or पँचेता pancheta, and in the south-east पँचेती panchait. The head arbitrator is called सराप्य sarpanch, also south of the Ganges सरादार sardār or महाती mahton. In Shahabad he is also called महान mahān, and in South Bhagalpur मॅंड्ड mañrar. A caste assembly is चटार chatāi (lit. a mat), or पङ्गत pangat (lit. sitting in a row), and its head arbitrator पराधान pardhān or मानाजन mānjan. In Shahabad the man next to the chief is called the कहीदार chharidār.
- 1451. When one party in the case challenges the opposite party or a particular person to an oath, the phrase used is इसर करब hasar karab; also डार्ड dhārab in Patna, Gaya, and the south-east. The oath may be on the ammonite (चार्ड गाम sālgrām or चार्डिगराम saligrām), a copy of the Sanskrit चरिंड haribans, or on Ganges water (गङ्गा कर ganga jal). When Ganges water is placed in a copper vessel with some leaves of the holy basil (Ocymum sanctum), the oath is said to be by तुस्त्री ताँडा tulsi tāmba. Or a man may lay his hand on his son's head (वेटा का चिर पर राँघ भें के beta ka sir par hānth dhai kañ), in which case his son is supposed to die within a year if he tells a lie, or he may touch a Brāhman's legs and swear by them (बाह्यन के गोर क के Brāhman ke gor chhu kañ). In Shahabad one form of oath current is to pour forth some country liquor. This form is known as सदाइन madāin. The oath taken on a cow is

known as गौ किरिया gau kiriya. The man who swears by this oath sometimes holds the animal's tail, and sometimes simply touches it. In these cases the man before swearing bathes and puts on new clothes. North of the Ganges the uşşı gurura is a circle drawn on the ground in which the man who takes the oath stands, or from which he takes the thing claimed. The belief in these oaths is, throughout the country, very genuine, but perjury is sometimes attempted. One common trick when swearing with one's hand on one's son's head is to substitute some one else for the son. The writer remembers in the year 1879, when he was in camp in Darbhanga district, a curious incident. License-tax assessments were being held, and one well-known money-lender offered to swear on his son's head that he lent no money. The challenge was accepted, and the oath taken. Curiously enough the son was next day seized with what was said to be cholera, and the man came to the writer, and insisted on his name being written in the highest class of assessees. This was done. It is satisfactory to know that the son recovered. Babhans are popularly supposed to have little fear of the sanction of an oath, as witness the following proverb, - चौच, सत. इरिबन्स खे, बीच गङ्गाक घार, प्रतेक खें वामन, तँ ना करह इतिवार sil, sut. haribans lai, bīch gangāk dhār, etek lai bābhan tañ na karah itibār. If a Babhan swear by the ammonite, his son, the Haribans, and in the midst of the Ganges,-don't believe him.

1452. To excommunicate from easte is इक्षा (or इक्षा नमानू) बन्द करव hukka (or hukka tamāku) band karab. It is also कुजान करव kujāt karab or पंचादत सँकाट देव panchātt señ kāt deb. The headman of a easte is सुखिया mukhiya, चौघरी chaudhri, सरवार sardār, or मानन्जन mānjan. Amongst the Telis and Chamārs he is also called मचन्नों mahton, मेंइन्तर mehtar, or (in South-East Tirhut), मेंइड mañrar.

CHAPTER XIV.-MISCELLANEOUS SUPERSTITIONS.

- 1453. A wizard is बोका ojha or जादूगर jādūgar. Other names also used are मोखा sokha in South-West Shahabad, गुनी guni in North-East Tirhut, डेया daiya in Patna, भगत bhagat in Patna, Gaya, and the south-east, and also भगतिया bhagatiya and चित्रया chatiya in South Munger. His enchantments are जादू jādu or बोकार ojhāï, also भगनार bhagtāi in South Bhagalpur. A witch is डाइन dārn.
- 1454. An omen is ব্যুব sagun, and also north of the Ganges ময়ৰ shagun. A good omen is অভা বয়ৰ achchha sagun, or in Shahabad

सुसम संग्रम sulabh sagun. An evil omen is कुसगुन kusagun, also in the north-west बद्द्यान badshagun, and in Patna and Gaya नस्स nahas. In East Tirhut it is स्वर-गुन asgun. Other names are कुपाइन kusārt (an unlucky time) and कुलाना kujātra (an unlucky starting).

- 1455. There are a vast number of village gods (पास देवता grām deota) worshipped throughout the province. The principal amongst them will shortly be mentioned. A काली अखान kāli asthān, also called देवी अखान debī asthān or देवी धान debī thān, which is a mound in honour of Kāli, the wife of Shiva (चिव Sıb), is generally erected outside each village. In Tirhut under the village pīpal tree there is generally a mound, decorated with clay images of the principal personages in the epic connected with him, erected in honour of the Salhes who is mentioned in the following list. This is called a सरहस अखान salhes asthān. The mound erected to a deceased Brahman or holy man is generally called a बराइस अखान barham asthān.
- 1456. The following is a list of the principal village deities worshipped in Bihār. The more well-known deities, such as चित्र Sib, सदादेव Mahādeb, वर्र्ड्स Barham (Brahma), or क्रियन Krishn, are comitted. It will be observed that some of them are demons, who are worshipped in order to propitiate them.
 - इसन्ता भवानी Amta Bhawāni or चन्त्रिका भवानी Ambika Bhawāni, a form of Debi worshipped in Sāran.
 - कारू बीर Kāru Bīr or कारू दास Kāru Dās (south), also कलुचा बीर Kalua Bīr (Patna), worshipped by Doms and Dusādhs.
 - कुछ देवना Kul Deota, the family god.
 - केतुक गोसाँदें Kaituk Gosāñīñ, worshipped in South Bhagalpur by Dusādhs.
 - कोइना माना Koïla Māta, the goddess of a well spring, worshipped generally.
 - কাৰ Kol, worshipped in Gaya.
 - खाजे खिद्र Khāje Khidar, the patron god of the boatman (मसाद malāh) caste. He is also often confused with a similar female deity गङ्गा साद Ganga Māï. Musalmān women fast on every Thursday in the month of Bhādoñ (August-September) and call the fast खाजे खिद्र का रोजा khāje khidar ka roja.

होती भवानी Kheti Bhawāni (Patna and south-west), worshipped by Koïris when they plant and cut their vegetables. In Patna a Musalmān vegetable-seller (कुँचन्ड्रा kunjra) worships राम टाक्कर Rām Thākur.

गोबन्नाद् राजन Gobnāi Rāit (north-west), a deified cowherd worshipped in Sāran and Champāran.

गोरैंबा Goraiga or गोरेंबा Gorea, worshipped generally south of the Ganges, especially by Doms and Dusādhs; also called गोरिया Goriya (Patna).

बारों Ghāton, worshipped in South Bhagalpur by Dusādhs.

चतावन Chatāwan (Patna), worshipped by Doms and Dusādhs.

चिरःक्रटःवा पौर Chirkutwa Pir,—see डिच्रन्वार Dihwar.

चुच्ड माल Chuhar Māl,—see सन्देस Salhes, worshipped in the southeast by Dusādhs.

चोइट Chohat, worshipped by Doms and Dusadhs.

जगन्दमा Jagdamma, the goddess of small-pox, worshipped in Patna and the south-east by Dusādhs.

जनासेन Jalāsen, the protector of bearers, worshipped in Sāran.

जीइन्री बरन्म Jauhri Barm, worshipped in Sāran.

सुन-की बीर Jhunki Bir, worshipped in Gaya.

डमर-डाक Damardāk (south), worshipped by Doms and Dusādhs.

डाक Dāk, worshipped in Patna, Gaya, and South Munger.

ভিছাৰাৰ Dihwār (generally), also (Sāran and South Tirhut) ভিৰন্ধেৰা দীৰ Chirkutwa Pīr. This is a very generally worshipped deity. There is supposed to be a separate one for each village. Every one who passes by throws a piece of cloth on his image.

हेंबन्दा पीर Dhelha Pir (north) or देवन्दा गोर्चाई Dhelwa Gosāñiñ (south), in whose honour a heap of earth is erected on the road-side, to which every passer-by adds a clod. He protects wayfarers.

देवी Debi, the popular name of the goddess Durga.

धरन्मन्तरथ Dharmnāth, an incarnation of Sib, worshipped in Sāran.

नाप्रक सादेव Nāëk Sāheb, worshipped in Patna.

नाग Nāg, the snake god. Worshipped generally. In Sāon (July-August) crowds of women calling themselves his

wives (बाजिन nāgin) go out begging for $2\frac{1}{2}$ days, during which period they neither sleep under a roof nor eat salt. Half the proceeds of the begging are given to Brāhmans, and the other half invested in salt and sweetmeats, which are eaten by the whole village. During the expedition several characteristic songs are sung, some of which have been published by the Asiatic Society of Bengal.

मद्विन दाद Mahthin Dāi, worshipped in the south-west.

पहास वर Pahās Bar (Patna and Gaya), worshipped by Doms and Dusādhs.

पाँचो पौर Pāncho Pīr, the five saints named गांची मौर्याँ Gāji Mīyān, स्टीचा Hathīla, परिसार Parihār, सर-चा मार Sahja Māi, and स्वन सालार Ajab Sālār. They are worshipped by Musalmān drummers (इपानी daphāli), who during an outbreak of cholera act as village Musalmān priests. They go about, beating drums, with an iron bar wrapped in red cloth and adorned with flowers, which represents गांची मीर्याँ Gāji Mīyān. They are paid in kind by the people at whose doors they stop and drum. A पंचरिषिश्या panchpiriya is a Hindu who worships Musalmān saints. In Shahabad these five saints are worshiped conjointly with three others, as mentioned in the following verse:—

खमन्ना सती, पाँचो पीर, खँगन्ड़ा तार, सोबएना तीर Amna Sati, Pāncho Pīr, Langra Tār, Sobarna Tīr.

Langra Tār is simply a crooked wire which is worshipped. Sobarna Tīr means the banks of the river Sobarna.

पारस नाथ Pāras Nāth, worshipped by bankers (महाजन mahājan).

দুৰ ভাৰ Phūl Dāk (Gaya), worshipped by Doms and Dusādhs.

बढन्तीर Bakhtaur, a deified cowherd worshipped in South-East Tirhut.

बँदौतःनी Bandautni (Gaya), worshipped by Doms and Dusadhs.

बँदीत Bandaut (Gaya), worshipped by Doms and Dusādhs.

बन्नी Banni (south-west), worshipped by Doms and Dusadhs.

बरन्दन्यनिया Bardwaniya, worshipped in Patna.

बरन्दम देव Barham Deo, worshipped in Gaya.

वसावन कुँचर Basāwan Kuñar, worshipped in Gaya.

Bahor, worshipped in Patna and South Munger by Dusadhs.

विदेशी बरन्स Bidesi Barm, worshipped in Saran.

विश्वस्था Bisahra, worshipped in North-East Tirhut.

भेरब Bhairab or भेरो Bhairo, worshipped by cultivators in the south-east.

मकार बीर Makar Bir (north and east), --- see § 299.

सन-सा रास Mansa Rām (Patna), worshipped by Doms and Dusādhs.

सनानी दानो Manāno Dāno, worshipped by Doms in South Bhagalpur.

सहस देव Manus Deo (north and west), worshipped by Doms and Dusādhs.

सल्हारानी Maldano (south), worshipped by Doms and Dusadhs.

समान Masān (Patna), worshipped by Dusādhs and Doms.

महन्साया Mahmāya, the goddess of small-pox.

सहाबीर Mahābīr, a form of Hanumān, the monkey-king who befriended Rām.

साता दाद Māta Dāi or चित्रन्ती Sitli, the goddess of small-pox.

सीर पजुजा Mir Phajula, a Musalmān saint worshipped in Sāran.

भेषू डाक Meghu Dāk (Patna), worshipped by Doms and Dusādhs.

मैदा Maiya (Patna and south-east), worshipped by Mushars, Dusādhs, and Doms.

मोती राम Moti Rām, brother of चन्हेंच Salhes (q.v.), and worshipped in the south-east by Dusādhs.

रचुनी डाक Raghuni Dāk (Patna), worshipped by Doms and Dusādhs.

रबू Raghu, worshipped in South Bhagalpur by Dusādhs.

राम डाकुर Rām Thākur, worshipped in Patna and the south-east. See also खेती भवानी Kheti Bhawāni.

राम बीर Rām Bīr (Patna), or राम गोसाँई Rām Gosāñiñ (Gaya), worshipped by Dusādhs.

Rāh or (North-East Tirhut) TER Rāhu is a demon worshipped by Doms and Dusādhs. The ceremonies are a kind of fire-worship, in which the devotees run along a trench filled with blazing coals.

स्रोता डोस Lila Dom, worshipped by Doms in South Bhagalpur. स्विचन्दा Sanichra (south-west), a god worshipped by vegetable-sellers (तुरन्दा turha).

चन बो Salkho (south-west), worshipped by Doms and Dusadhs.

चन्हें Walhes or सबेस Sales (south and east), worshipped by Doms and Dusādhs. He was a great hero and the first watchman. He fought a battle with मुच्ह मास Chuhar Māl of Mokāma, who was the first thief. A famous epic concerning him is current in Tirhut, and has been published by the Asiatic Society of Bengal.

यह-जादी माद Sahjādi Maï, worshipped in the south-west.

चिंगेचर Singesar, worshipped in North-East Tirhut.

हरिराम बरन्म Harirām Barm, worshipped in Sāran.

इरिइर नाच Harihar Nath, in Saran, at Sonpur.

- 1457. A spell or charm is सुन gun or मनार mantr. टॉटन्का totka. टोउन्सा totma, or टोना tona, are spells or charms generally with an evil object. In Shahabad they were टोटन्स totram; in Patna and Gaya they are optionally जनारा प्रतारा utāra patāra, and in South Bhagalpur निंग-का कोरी ningchha chhori. The जिया दान jiya dan, जिबन्दान jib dan, or बिन्दान balidan, is an animal, &c., sacrified to कानी Kali as a kind of scapegoat In cases of sickness various articles are exposed in a saucer This custom is supposed to communicate the at a cross-road. disease to the first person who touches it, and is called जोग jog or जोग डोन jog ton, or in South Bhagalpur चोम डेम ojh tem. The contents of the saucer vary with the disease demon to be propitiated. There are generally some red with orhaul (hibiscus) flowers. some sand, grain, and yellow cloth. If a ghost un bhut has to be propitiated, wine, or even a fowl, is laid there. In cases of small-pox, the cloth with which the sores were dressed is frequently put out, which often makes the superstition about communicating the disease a lamentable reality. In South-East Tirhut an oblong mound studded with flags to avert cholera is called चांच-रिक āsrik. The खटोडा khatola (north of the Ganges) is a miniature bedstead hung on a tree as a propitiatory offering.
- 1458. The following is a list of some of the various demons, ghosts, and other supernatural bogies believed in in Bihār. Those which are worshipped, and which hence have been included in the former list, are omitted.

- भागि बैनास Āgi Baitāl or चिन्नास Āgiya Baitāl, a hideous demon which lurks in trees, lives on dung beetles, and seizes wayfarers by night.
- a heautiful woman, and visits and seduces any man whom she may meet in a lonely place. The man dies within a few months of his yielding to the temptation. She has feet back to front, i.e., toes behind and heels in front. Hence the wise may recognize her.
- घोषर Ghoghar (north-west), a ghost invoked to frighten children.
- चहुचा Chatua or चहुन्दा Chatta (north-west), चटन्ना Chatna (north-east), a vampire who drinks up the milk of cows and women.
 In South Bhagalpur he is called चोर सटन्ना Chor Matka.
- मुहेंस Churail, also (in Shahabad) यहिर्म Bahariya, an evil spirit which assumes the shape of a bird and sits on the roof of a house which contains a pregnant woman. This injures the child.
- जिलेश Jilaiya or कल-वेश Jalwaiya (south), or (South Bhagalpur) सर-चिहिया Marchiriya, a fiend which takes the shape of a night bird, and is able to suck the blood of any person whose name it hears. Hence women are very careful about calling their children by name in the night time. If it fly over the head of a pregnant woman, the child born will be a weakling. Such a child is called जिल्लेयेश के क्ष्या jalwaiya ke chhual.

जिन Jin (north), a ghost, goblin, genius, 'djin.'

ভूबा Dūba,—see बुड़ा būra.

धोकर कसन्वा Dhokar Kaswa, a man with a bag who carries off naughty children.

नेकी बीबी Neki Bibi (Gaya and south-west), a ghost invoked to frighten children.

पनन्डूबी Pandūbi,—see बूड़ा būra.

बरन्स पिचास Barm Pichās, a kind of ghost or goblin.

बह्र $B\bar{u}i$ is a ghost invoked to frighten children.

बुड़ा Būra, डूबा Dūba, or पन•डूबी Pandūbi, a water-demon, who drowns travellers.

चौदेर Baupher (north), a kind of ghost or goblin.

भाक्तर Bhākur (north-west), a ghost invoked to frighten children. इत bhūt, a ghost or goblin generally.

भोकसन्दर Bhokaswa (south), a ghost invoked to frighten children.

मञ्चा Manusdeba (north), a kind of ghost or goblin.

मर-चिड्या Marchiriya,—see जिख-वैया jilwaiya.

माँचौँ Māñoñ (north), a ghost invoked to frighten children.

- দিনিয়াই ন নৈত্ৰ mimiyāi ke tel, a kind of bitumen brought from Persia and elsewhere. It is said to be extracted from the heads of coolies who emigrate to the colonies, by hanging them head downwards and roasting them over a slow fire. The threat of extracting it from the head of a child is therefore an active deterrent.
- বাৰ্য Rākas, the will o' the wisp; it breathes fire and misleads travellers, but it also lives in the fields, and where it resides grain is produced in abundance.
- स्वन्दा Sukhra (north), also स्वेनी sukhaini (North-East Tirhut), a vampire which sucks up children's blood.
- হাজ Hāii (Patna), or ছবা humma (South Bhagalpur), a ghost invoked to frighten children.
- 1459. The जनस्या utsarg, and also (in Tirhut) काननीसमें kānanotsarg, is the emblematical marriage of a grove to a well, without which preliminary observance it is unlawful to partake of the fruit. The विराधीत स्टान birkhotsarg, and also (in Tirhut) the बेदिक baidik, is the ceremony of marriage performed in the name of a bullock let loose on the 11th day of mourning for a near relative. The जनतास्था jalotsarg is the emblematical marriage ceremony on completion of a well or tank. It is married to an image erected close by. In case of a pond it is also called तरागीत स्यान tarāgotsarg, and on completion of a well ज्योतस्था kupotsarg. The latter is called in South Bhagalpur क्ष जग kūp jag or ज़र्याँ दान kuiyāñ dān. वाटोत स्था bātotsarg is the ceremony on the completion of a road. No marriage is in this case performed.
- 1460. Water brought from a sacred river, spring, or place of pilgrimage तीर्थ (tirath), is much used in religious ceremonies, and is carried by men called कमराप्य kamarpanthu. They are also called कंपराप्य kamwārthu in South-West Tirhut and कमराध्या kamrathua in South-East Tirhut.

DIVISION XIII.

TRADE, MONEY-DEALING, AND ACCOUNTS.

CHAPTER I.-TRADE AND BAZAR ACCOUNTS.

- 1461. Trade is जेन देन len den, सदाजनी mahājni, कारन्यार kārbār or कारोबार kārobār, बेयन्दार beohār, बेयापार beyāpār or बेखीपार beopār, or बिन्न banij. In Patna City it is also बेयन्द्रानात beohargat. Exchange or barter is खदन्त्र बदन्त्र adlar badlar. A money-lender is सदाजन mahājan, साद sāh or साइकार sāhukār, or बेदन्तिया behwariya. He is also called in the country बिन्या baniya, and in South-West Shahabad साव sāo. In Patna City he is called कारोबारी karobāri or धनी dhani. A banker is कोटीवाच kothīwāl or सराफ sarāph. A borrower is रिनिद्या riniha, खद्द khadduk or खद्दका khaduka, or खरामी asāmi. In South Munger he is also called सुजेरा mujera, in South Tirhut बिन्यीटा baniyauta and धारिनक dhārnik, and in South Bhagalpur खातब khātab. In Patna the words कराज खीक karj khauk and कराज खीर karj khor are also used.
- 1462. An account-book is बड़ी bahi. A trader's account-books are called collectively बड़ी खाता bahi khāta. जाकर jākar in Gaya is a record of cloth sales kept by cloth-merchants. Each page of the account-book is called पद्मा panna, and also in North-East Tirhut पत्मा patta.
- 1463. The following are the books usually kept by village moneylenders:—
 - (a) The रोजन्मामन्चा rojnāmcha.—This is the day-book. The left hand or credit side of the page is known as जमा jama, and the right or debit side as नाँच nānw or नाम nām.
 - (b) The रोकड़ बड़ी rokar bahi —Mr. Crooke's description of this is equally applicable to Bihār. It is exactly the same as the रोक-नामन्दा rojnāmcha. There is only this difference.

that it is balanced after each transaction. For example, the book shows Rs. 1,000 on the credit side; Rs. 100 are disbursed on a certain account. This is entered on the debit (बाकी bāki or बाँच nānw) side, and the book is balanced showing Rs. 900 still to credit. This is called रोकड़ बाकी rokar bāki or बाकी नडब्बीड bāki tahbīl, and is again brought forward to credit. North of the Ganges it is called फाजिड phājil. A man who carries on several distinct trades keeps up a separate रोकड़ बडी rokar bāhi for each.

- (c) The खेखा बडी lekha bahi, the खाता khāta, or खाता बडी khāta bahi.—This is the ledger, and is made up as time allows from the रोजन्मामन्दा बडी rojnamcha bahi. It contains each creditor's or debtor's account separately, with a reference to the page of the day-book on which each item has been entered day by day. Some traders keep up a separate खाता बडी khāta bahi for each of their trades or speculations, others have only one general one.
- (d) There is also the ভাষাৰকেৰ jamakharch, which is an abstract of the day-book, and is hence also called a ভাষিয়াৰী khatiyauni, and shows the totals of receipts and payments on each page.
- 1464. Small traders generally only keep up the first of these books, —the रोजन्मासन्ता rojnāmcha or day-book. Very small traders do not even keep this. They have a separate slip of paper containing each customer's account, and called चिड chit, चिडा chittha, or चिड़ी chitthi, or पुरन्ता purja or पुरन्ती purji. In South Munger it is called च्रान्थन sarkhat.
- 1465. Large traders, such as those in the city of Patna, with whom this work has nothing to do, keep up all the above four books. For the sake of completeness, the following information, founded on that given by Elliot in his Glossary, is added. Quoting Elliot's words (with the necessary alterations to suit local variations): "The page (of an account-book) is divided into two equal parts, called in Patna that rekāna: each of these is again divided into two two that rukan or the rukan. The (first or) right-hand that rekāna is called the that hāsho. The first right-hand quarter (some say half) of the left-hand that rekāna is called the state rekāna is called the

বাৰা irāda, and elsewhere মহা peta or (in North-East Tirhut) মাই pet. The ঘীৰা sīra contains the sum finally brought to account after the necessary deductions have been made from the gross amount in the মহা peta and ভাষা hāsho." In reading the above, it should be remembered that it refers to accounts kept in the Persian character. When kept in the mahājni character, the terms for right and left must be reversed.

CHAPTER II.—ACCOUNTS BETWEEN LANDLORD AND TENANT.

- 1466. These accounts are not usually kept in bound books, but on separate slips of paper, kept together in packets by a paper tape, called तवःखक tablak or केंद्रक kaidak.
- 1467. A tenant's receipt for rent is known as रसीद rasid or दाखिला dākhila, and in North-East Tirhut करन kabaj.
- 1468. The system of accounts differs according as the rent is paid in kind or in eash. Hence two sets of accounts are kept up in a land-lord's office. They are the following:—
 - (a) Accounts of rents paid in kind—
 - 1. खसन्रा दानाबन्दी khasra dānābandi.
 - 2. खमन्दा बटाइ khasra batāi.
 - 3. मोफारीद mophrid.
 - 4. सम्मित laggit and वासिस बाकी wāsil bāki.
 - 5. तिरिज जिनिसःवार tirij jiniswar.
 - 6. सियाचा siyāha.
 - 7. स्माब विकारी गका hisāb bikri galla.
 - (b) Accounts of rents paid in cash-
 - 8. खसन्दा khasra.
 - 9. सोफारीद mophrid.
 - 10. इमित laggit and याचिल बाकी wāsil bāki.
 - 11. तिरिज पटेवारी tirij patewāri.
 - 12. सियाचा siyāha.
 - (c) In addition to the above, the following general accounts are kept, which are applicable to both kinds of rent—
 - 13. मोलन्डकी molhaki.
 - 14. दड़ा dhaddha or असा वासिस बाकी jama wāsil bāki.

- 15. जमाबन्दी jamābandi.
- 16. जमाखराच jamākharch.
- 1469. The word নিবিল tirij, met with above, means 'abstract.' In small estates, Nos. 5, 11, and 14 are often not used.
 - 1470. The following is a brief description of the above accounts:-
 - (1) The অধন্য হানাৰ-ই khasra dānābandi. This is the account paper drawn up in the field when the হানা dāna or estimate of the crop is being made. It contains—
 - (a) The date.
 - (b) Name of tenant.
 - (c) Quantity of land (ছবালী arāji).
 - (d) Length (নুম্ব tūl) and breadth (ম্বার araj) of the plot.
 - (e) Name of the crop (জিনিষ jinis) thereon.
 - (f) The quantity of grain estimated.
 - The निर्ज नारीखन्तर tirij tārīkhwār is a daily abstract of No. 1, and shows (in the case of division by appraisement) the total area of land and the quantity of grain estimated daily. The sum of all the daily entries in this paper shows the total area of lands of which the rent is paid in kind, and the produce thereof. This account is only kept when the division of the crop is by appraisement (दानाबन्दी dānābandi, see § 913). Some landlords, however, also keep it in the case of actual division on the threshing-floor, as a check on No. 2.
 - (2) When the division is by actual division on the threshing-floor (पारेट बढाइ agor batāi, see § 914), a खारा बढाइ khasra batāi is opened instead, containing the date, name of tenant, area, kind of crop, quantity, landlord's share, cesses, &c.
 - (3) The wind amophrid is the bundle of papers in which separate accounts of each tenant are entered. A separate slip of paper is kept for each tenant. It is compiled from the with khasra (No. 1). It shows the quantity of each kind of grain belonging to him which was

- estimated, date by date. The area of the land under each crop at each estimate is also given. When this is abstracted out so as to show the total area and total crop for each tenant, the abstract is called after with tiry mophrid.
- (4) The जियान laggit and वाजिल बाकी uāsil bāli are written up from No. 3, a separate slip of paper being kept for each tenant. They form a kind of ledger or personal account. The heads are as follows,—the total quantity of each kind of grain and the area of land under each. The total share claimed by all the landlords (डाकिमी हिसा hākimi hissa) is then struck off. From this the shares of the other shareholders, who keep accounts separate from the landlords whose accounts we are considering, is deducted. To the remainder the cesses and other dues (अवन्यान abwāb) are added. The total shows the quantity of grain realizable from the tenant by the landlord on whose behalf the account is prepared. This portion of the account showing the demand is called the इंगित laggit. From the total demand the quantity of grain realized during the year is set off, and the balance, if any, is shown. The whole paper showing demand, realization. and balance is called the वासिन बाकी wāsil bāki. abstract of the जिमात laggit, showing under the head of each kind of grain separately the amount of crop of, and area of land under, that grain owned by each tenant, is called the निरिज खिमान tirij laggit. The abstract of the वासिस बाकी wāsil bāki is the दुष्टा dhaddha (No. 14).
 - (5) The बिरिज जिनिसन्दार tirij jiniswār is compiled from the जिनिस laggit (No. 4). It shows in one entry for each tenant the total area he has under cultivation, and the amount of each kind of crop demanded from him.
 - (6) The বিষাহা siyāha is the day-book of receipts and disbursements of grain. An abstract of this, called the অবাৰেজ্য awārja or বাৰেজ্য wārja, shows the total receipts and disbursements, date by date.
 - (7) The স্থিয়ৰ বিক-হী বস্তুত hisāb bikri galla is the account showing the produce of the sale of the grain received as

rent. It shows the date of sale, quantity sold, rate, and price.

- 1471. We now come to the accounts of rent paid in cash.
 - (8) which the area (i.e., and till or length and with araj or breadth) as ascertained by measurement of the lands held by the tenants in a village, together with the rate per bigha or class (ver patta) of each plot, is entered. An abstract of this shows the amount measured each day, while the measurement is going on, and is called factor ever tirij khasra. This where gives only the measurement of the lands held temporarily on a cash rent, and differs from the regular where khasra or measurement papers of a village.
 - (9) मोफरींद mophrid.—This is similar to No. 3, mutatis mutandis. It shows the area and different rates of rent of the various plots held by each tenant. Each tenant has a separate slip of paper, and all lands for which cash rents are paid, whether temporarily or not, are included in it. It is compiled from No. 8 and No. 10. An abstract of it, called विश्व मोफरींद tirij mophrid, shows the area of land held and total rent payable by each raiyat.
 - (10) समित laggit and वासिस बाकी wāsil bāki.—These are similar, mutatis mutandis, to No. 4. They are the ledger account of each tenant. Each tenant has a page, on which is shown the area of his plots, rate of each, rent of each, total area, and total rent. From this the shares of the other shareholders are deducted, and to the remainder the cesses and dues are added, together with the value of any rent in kind (इसाव गक्षा damāo galla), due by the raivat which has not been realized during the year. To this again the arrears of previous years are added, and the total shows the demand against the tenant. The paper thus far is called the स्तिमा laggit. From the total demand is deducted the cash rent collected during the year, and the balance is struck to be carried to next year's account. The whole paper showing demand, realization, and balance is called

the वासिन बाकी uāsil bāhi. An abstract of the निमान laggit, called the निरिन निमान tirij laggit, shows under the head of each tenant separately the total area held and rent payable by him at each rate. The abstract of the वासिन बाकी vāsil bāhi is the उन्ना dhaddha.

- (11) The বিভিন্ন ঘটনাৰী tirij patewāri is the paper in which the name of each ঘটা patta or separate class of land in the village is entered, showing the total area, rate, and rent of each class. The total shows the total area of land held at various rates in the village. This paper is compiled from No. 10.
- (12) The বিষয়ে siyāha is the same (mutatis mutandis) as No. 6. In this the daily receipts and disbursements in cash, including the price of grain sold, are entered. It is, in fact, a cash-book. An abstract of this, called the খ্ৰাক্তা awārja or বাক্তা wārja, shows the total expenditure day by day.
- 1472. The following accounts are applicable to both kinds of rent.
 - (13) The सोखासकी molhaki is a ledger account for each tenant, showing date by date all payments (whether in each or kind) made by him. It is compiled from the विवास siyāha. An abstract of this, called निर्वास सोखासकी tirij molhaki, shows the total payments made during the year by each tenant. The totals of this should agree with the total of No. 12 (the विवास siyāha) on the receipt side. It hence serves as an abstract of the receipt side of No. 12, while the बवार आ awārja is the abstract of the disbursement side.
 - (14) The বসুং dhaddha is also called the নিংকে বানিজ ৰাকী tirij wāsil bāki or জনা বানিজ ৰাকী jama wāsil bāki. It shows the name of the tenant; area of his holding at each rent; amount of rent; additions on account of cesses, unrealized grain rent and arrears of previous years; deductions on account of shares of other shareholders; deductions on account of cash rent realized; and balance. This paper is in fact an abstract of the বাবিজ ৰাকী wāsil bāki (Nos. 6 and 10). The latter shows the accounts of each tenant separately,

whereas the and the dadha shows all the tenants' accounts on one sheet of paper. This form of account is according to Field* said to have been invented by Udhmant Singh, of Nassipur, in the district of Murshidabad, in order to enable the zamindārs to represent the collections as they pleased to the Muhammadan Government.

- (15) The जमाबनी jamābandi is the paper in which the total annual demand of the village on account of rent is entered. This paper does not usually show illegal demands from the tenants. These are generally shown only in the जमाबरूच jamakharch (No. 16).
- (16) The जमाखराच jamākharch is the final annual abstract of the financial condition of the village. It shows the total demand, realization, and balance of the year in more or less detail. The demand side shows the balance of previous year, the total demand according to the जमाबन्दी jamābandı (No. 15), and other items of demand (such as fines, illegal cesses, &c.) which do not find their way into the latter. The total is the grand total of the demand for the year. This demand is on the other side of the account again divided into money spent and balance. The money spent includes the portion of the realizations which are forwarded to head-quarters, and the portion of realizations spent on the village and on miscellaneous expenses. The balance is made up of realizations in hand, and for which the village official or the landlord's grain-merchant is responsible, and of unrealized demand, the latter of which is given in detail. Some landlords have two copies of this paper, -one for their own information, containing the illegal cesses, and the other excluding them, so as to allow of its production in court.

1473. In the appendix to this work are given translations of the various forms of account as kept by a Patna landlord.

^{*} Law of Evidence, p. 670.

CHAPTER III.-INTEREST, DISCOUNT, AND COMMISSION.

- 1474. Discount and commission are generally पद्धामी salāmi. वशा batta is also used south of the Ganges. In Patna they are also called फिरना phiranta. बहन्ती barhti is a premium. एकर्ट् sakraī is a commission of 3 or 6 pies per cent charged by the acceptor on accepting a bill. नकर्ट एकर्ट nakraī sakraī is a charge at 8 ānās per cent. on a drawer of a bill when his bill is not accepted. जावन्ता पाद जोग jābta sāh jog is a commission at one anna per cent. when the bill is accepted in favour of a banker. जॅडियाना hundiyāna or जॅडियानन hundiyāvan is commission on a bill-of-exchange (जजो hundi). Factorage, or the commission (of one or two pice per rupee) taken by a servant on goods bought for his master is दखरी dastūri, or, more commonly, फल phal. दखानी dalāli is brokerage.
- 1475. Interest is स्ट्र sūd. Interest in kind, paid on seed-grain, is साधी āghi to the west and in South-East Tirhut. In South-West Shahabad it is स्वान्त agwan, and in Patna साहा chhāra or कहीर karhaur. North of the Ganges generally it is also called स्वाद डेही savāi derhi, in allusion to the rate at which the principal is lent. In the south-east it is दियाज biyāj. Elsewhere वियाज biyāj or वियाज beāj is interest on money, which in the south-east is स्ट्र sūd. स्वा asal or स्ट्र mūr is the capital lent out at interest; but in Shahabad it is also स्व mūl, and in the south-east स्ट्री रूपया sūdi rupaiya. सोनापा monāpha is profit. It is distinguished from interest (which is unlawful for them) by strict Musalmāns. Amongst others, however, the two terms are convertible. Other words for profit are बहोतारी barhotri or साफा nāpha in Shahabad, नफा napha or दननिका intipha to the west, इनन्तापा intāpha in the south-east, and बचित bachit in Patna, Gaya, and South Bhagalpur.
- 1476. पैचा paincha or इयन्तर hathpher is a loan when the exact thing is to be returned. A local variant is पैच painch in South-West Shahabad. It is also called उद्यार udhār, which properly means a purchase on credit. जरण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan. This is also called south of the Ganges करण्या karja is a money loan.
- 1477. A debtor is बहुका khaduka or घरानी asāmi. Local names are बहुक khadduk in Gaya and the south-west, सुजेरा mujera in Patna, and खानव khātab in South Bhagalpur. A defaulting debtor is जनानार

jamāmār, also घननार thanmār in Champāran and South-East Tirhut, मजनार malmār in South-West Tirhut, and चेजीनार thailimār in South Bhagalpur. Other names are खाज khāu in Saran, खोकार khaukār in South-East Tirhut, and ना देइन na dehan in Patna. The educated say ना देखन na dehand. Outstandings are खडाना lahna. A bad debt is जनाज खाता gatāl khāta in Patna and the north-west, and गयाज खाता gayāl khāta in Gaya and the south-west, of which गेज खाता gail khāta in South Munger is a variant. In South-West Shahabad it is also said to be गयन्ताज gaptāl, in Tirhut they say बूड़ज मेज būral bhelai, and in South Bhagalpur इने गेज dūbo gelai. When an animal or other property is pledged for a debt, it is called to the north-west and in West Tirhut खावन lāwan or खावन कावन lāwan jhāwan. Elsewhere it is भरना bharna or गिरों giron.

1478. To borrow money is सूद पर वपैया काइब (or काहि खेब, or काहि लाएब) sūd par rupaiya kārhab (or kārhi leb, or kārhi lāēb).

CHAPTER IV.—RATES OF INTEREST.

- 1479. A rate of interest is दर dar. The following are the rates of interest charged. Interest at one per cent. is वर्षे सेकड़ा rupai saikra, at two per cent., दू वर्षे सेकड़ा du rupai saikra, and so on:—
 - (1) উত্থা derha, উত্থাত্বা deorha, or in the south-east উত্তিথা dewrhiya. This is fifty per cent., e.g., a man borrows five maunds of grain at sowing time and repays 7½ maunds at harvest, without reference to the selling price at the time of borrowing or repayment. This is confined to transactions in grain.
 - (2) भवाइ sawāi or भवेया sawaiya is twenty-five per cent. as above.
 - (3) विकरी के भाव bikri ke bhāo (north), or भाव के भाव bhāo ke bhāo (south), also च्यस के चयस asal ke asal in the southeast.—In this grain is lent, and at harvest time an equivalent in grain to the real money value of the grain lent at the time of borrowing is returned.
 - (4) खगानी lagāni is giving one rupee's worth of grain and after six months receiving back one rupee two annas worth. In South Tirhut it is also called खडार्डानी athrahni.

- (5) परी रपेशा paise rupaiya is money interest at one pice per rupee per month. So डेड पैसे रपेशा derh paise rupaiya is one and a half pice per rupee per month.
- (6) হকাৰী takhi is money interest at two pice or one হকা taka per rupee per mensem. In the south-east it is also called ভাষভাৰী adhanni.
- (7) गॅडन्डी gandhi is money interest at four pice per rupee per month.
- (৪) ব্যৱী charanni is four annas per rupee per annum.
- (9) पचचरी pachanni is five annas per rupee per annum.
- (10) ক্ৰয়নী chawanni is six annas per rupee per annum.
- (11) কিন্ত kist or কিন্তু ৰন্থী kist bandi is when the total of principal and interest is repayed within a stated time by fixed instalments.
- 1480. The first money received by a shopkeeper during the day is बोइन्नी bohni; also बोइन्नी बहा bohni batta in Patna and Gaya, and बनन्दार banhāi in South Bhagalpur. In Patna City it is गॅंडोट ganthaut or गॉंडा gāntha. A pledge or deposit is गिरों giroñ or बिस्त bandhik. In Patna, Gaya, and South Munger it is गिरानी girvīn, in Shahabad गिराई giraīn, in the south-west of that district गिरा गॉंड giroñ gānth, and in South Bhagalpur गिरानी girmi. प्राचा puriya, or in East Tirhut प्राचा puriya, is a sealed or fastened-up deposit. चाकड़ jākar is goods which are taken away for use, if required, at a wedding, &c. The price is fixed before hand. If the goods are used, this is paid; if they are not used, they are returned, and a pice or two per rupee is paid to the shopkeeper.

CHAPTER V.-MORTGAGE.

1481. A pawn or mortgage is रेडन rehan, बिन्निक bandhik, or मकः पूछ makphūl. It is also विरुद्ध girain in Shahabad, and विरुन्धी girmi in South Bhagalpur. मन्द्रपूछ makphūl is more usually applied to mortgage of land, and the other terms to pawning of moveable articles; but this distinction is not universal. A mortgagor is राडिन rāhin, and a mortgagee is युर्निन murtahin, but these words are seldom used. The villagers prefer to use words like खडुना khaduka, खडुक khadduk, or

चरामी asāmi for the former, and महाजन mahājan for the latter. In Patna a mortgagor is मुजेरा mujera, and in Shahabad a mortgagee is बेन्डरिया beohariya.

1482. A usufructuary mortgage, in which both the principal and interest are extinguished by being paid out of the profits of the land mortgaged for a fixed period, is परोचा pataua, सरोचा परोचा sataua pataua, or समोचा परोचा sadhaua pataua. सह भरना sūd bharna is similar, but the usufruct is only instead of interest, the principal remaining to be paid by the mortgagor. A ने विच वक्षा (البح الرق) bai bil wafa is a mortgage of property for a fixed period, in which, if the total debt is not repaid within the period, the property becomes the mortgagee's in satisfaction of the debt. Money advanced on the security of standing crops is to the north जारी lāgi.

CHAPTER VI.—MISCELLANEOUS.

- 1483. An invoice or manifest is बीज क bijak, and also to the east चिद्रा chittha or फिरिज phirist. Insurance is बीजा bima, with a variant बीजा bima in Shahabad. In the south-west of the latter district it is इन्डा भारा hunda bhāra. Something additional given to a purchaser is north of the Ganges बजुजा ghalua or जाम गाम lābh sābh. In South-East Tirhut it is also जाम lābh, and in South-West Tirhut बर्जन barkat. South of the Ganges it is generally फाज phāo or पिकुचा pichhua. A variant of the latter is पकुचा pachhua in the south-east. Another name is जुन्जो chutki in Patna. जुन jūg is similarly used by women when making petty purchases, especially of vermilion (चित्र senur) and collyrium (चिन्रो missi). Other names for this are मेगन्जो mangni to the west and in South Tirhut, मेगन्जो चेगन्जो mangni changni in Patna, जाना बोजी lāwa gholi north of the Ganges generally, जाना दूजा lāwa dūa in South-West Tirhut, and कोटी dānti. बेजाना beāna or बयाना bayāna is a handsel given by the buyer to the seller to secure his purchase.
- 1484. गजा galla is a hole in the ground or a bag under the shop-keeper's seat in which he keeps his money. To test coin is बुजब būjhab, टोकब thokab, परन्यब parkhab, जाँचब jānchab, बजापब bajāëb, or चॅकन्ब anknab. In the south-east it is परेखब parekhab. A money-tester is परन्यो parkhi or परिचया parakhiya, or जचन्या jachwaiya. In the south-east he is परिचया parekhiya. In Patna he is परिच parikh,

and in Gaya रोकरिया rokariya. To test the correctness of scales is साम जैव sādh leb. In Patna and the south-east it is भारा करव dhāra karab, and in Shahabad पासँच देखल pāsangh dekhal. To test a weight is साहब tārab or पामब sādhab.

1485. Capital is पूँजी pūnji or पुञ्ची punji, and capital out at interest is विश्वाज biyāju or विश्वाज beāju. It is also called सूदी रपेशा sūdi rupaiya. The adjustment of accounts is वृक्षात्य bujhārath north of the Ganges, and चफाई saphāï south of it. In South-West Shahabad it is वृक्षीता bujhauta. To test the entries is जाँच चेव jānch leb or फिडा चेव mila leb. The testing is in Shahabad जाँच फिडान jānch milān. A release in full is फार ज्यो phārkhatti or फर ज्यो pharkatti. In the north-west they say in such a case समन्तान हो गेज bhubhtān ho gail, and in the east of Tirhut they say his account is राज चाफ rāph sāph, and in Patna that it is विवास मेज bebāk bhail. In Patna they say वर्षो पर से नाम जतर गेज bahī par se nām utar gel, and in South-West Shahabad नाम घरज गेज nām gheral gail, alluding to the custom of encircling the name with a line when the account is cleared off.

1486. To become bankrupt is दिवाला निकास divāla niksab, or दिवाला सुध हो जाएव divāla sudh ho jāëb. To make a man a bankrupt is दिवाला निकास divāla nikāsab. A bankrupt is दिवालिया divāliya. In Tirhut they would say of such a man साक उच्छ गेलेन्डि sāk ukhar gelainhi, or दिवाला उच्छ गेलेन्डि divāla ukhari gelainhi. In all the above the word may also be spelt देवाला devāla. In Patna they say चीकर टाट उच्छ टे okar tāt ultal hai, in allusion to the custom amongst bankers of a bankrupt turning up one corner of his mat and sitting on it, as a notice of his condition. The action is equivalent to putting up the shutters in England. In connection with this it may be mentioned that Patna is famous for its bankrupts, as in the lines commemorating the three rascals of Bihār:—

भागसन्पूर के मगेखिया, कचसन्गाँव के ठम, पटन्ना के दिवाखिया, तीनो नामन्सद, सुने पाने क्रपन्रचिया, तीनो के तूरे रग.

Bhāgalpūr ke Bhageliya, Kahalgānw ke thag, Patna ke divāliya, tīno nāmjad, Sune pāwe Chhaprahiya, tīno ke tūre rag.

—The Bhagels of Bhagelpur, the thags of Colgong, the bankrupts of Patna, are all famous (sharpers); but if a man of Chhapra hears this, he will beat them (lit. burst their veins) all (at their own weapons).

- 1487. A bill of exchange is इन्ही hundi or इन्ही पनी hundi patri; also in Gaya and the south-west पतन्दी patri. The duplicate of the bill is चैंड painth. Also, in Patna City, भेड peth. The third duplicate is परन्पेंड parpainth or परन्पेड parpeth, and the fourth जिकन्री jikri or fant jigri. This last is also a letter to a person other than the drawer for the acceptance of his endorsement by the drawer. A letter of advice is समाचारी चिट्ठी samāchāri chitthi. A bill payable at sight is दरन्सनी darsani. In Patna such bills by custom bear eleven days' date. pavable after a future date, it is मियादी miyādi or सुदती mudati. One payable five days after sight is called पर्छंच परन्मान pahunch parmān or (in Patna City) पडँचे दाम pahunche dām. The address at the head of a banker's letter is जोग jog or चिरनामा sirnāma. A bill paid and discharged is खोखा khokha. In Patna it is also सग्रतान bhugtan, and north of the Ganges समन्तान bhubhtan. To accept a bill is सकारन sakarab. The date on which a bill falls due is called fund mitti, which indeed in mercantile transactions is the general word for dates of all kinds.
- 1488. A warehouse is गोदाम godām. चराजा harja is demurrage. मचन्द्रच mahsūl or मासूच māsūl is customs, postage, or railway freight, &c. A price-current is निरख नामा nirakh nāma. Cash or specie is नगद् nagad, नगन्दी nagda nagdi, or रोक rok. पावन्ना pāwna is a claim, and रसीद rasīd a receipt टकन्साच taksāl is a mint. Merchandise is सौदागन्दी के मास saudāgri-ke māl. Imports are धामन्द्रनी āmdani, and exports रफननी raphtani.

DIVISION XIV,

WEIGHTS AND MEASURES.

CHAPTER I.—MEASURES OF LENGTH.

1489. The चहुन angul is a finger-breadth, equal to about two-thirds of an inch. The width of the four fingers of one hand, i.e., four चहुन angul, is called a नौचा chaua. Instead of this, a measure is used in Shahabad called सुद्वा muttha, which is the width of the closed fist. Twelve finger-breadths make one span, which is निमा bitta or निम्मा bilasta, or to the north-east निम्मा bilast, to the south-east निम्मा bilast. South of the Ganges a still smaller scale is current. A स्तम sût is the thickness of thread.

3 स्त sūt = 1 पैन pain. 3 पैन pain = 1 finger-breadth.

- 1490. In Shahabad and the south-east a finger-breadth is नस्र tassur. In Shahabad and Patna in measuring wood, however, a तस्र tassur equals two finger-breadths, and fourteen of these make one ज्या gaj or साथ hāth (wood measure). Twenty-four finger-breadths, or six पोसा chaua, or two विका bitta, make one दाँच hānth or साथ hāth, which is a cubit. The साथ hāth is the standard from which the others are taken, and varies from 15 to 20 inches in length, 18 inches being the average.
- 1491. Two cubits make one डेन deg or pace, and also one नज gaj or yard. A निर्द girah, निर्द gireh, or निर gire is the length of the forefinger, and 16 go to a नज gaj. Another name for a निर्द girah is कन-वाँ kanwān in Patna and Gaya. Three नज gai or six cubits make one डमा lagga or डमी laggi, which is also called बाँस bāns

south of the Ganges, and जहा lattha in South-West Shahabad. Another गज gaj is the चित्रस्थी गज Sikandri gaj, also called बरा गज bara gaj or बड़-का गज barka gaj, which is $2\frac{1}{4}$ cubits north of the Ganges and 48 fingers or 2 cubits south of it. It was the yard used in land measuring until Akbar's time, and properly equals 26 inches, but has become in the village mind confused with the बरा गज bara gaj. This is the tailor's yard, and is called by them कतर गज katai gaj or कत्ती गज katti gaj. Akbar introduced as the standard measure of the empire the रखादी गज ilāhi gaj, equal to $33\frac{3}{4}$ inches, which is still in use in the North-West Provinces.

- 1492. In South-East Tirhut and Patna भाष dhāp equals देश deg or करम kadam, a pace, but elsewhere north of the Ganges and in the south-east it is about half a कोच kos; see below. Another name of this last is मेंस mail or मोस mīl, a corruption of the English 'mile.' The रसी rassi or रसन्ती rasri is equal to 20 समी laggi or 120 cubits. In South-West Shahabad 70 cubits make a रसी rassi. Generally 60 रसी rassi make one कोच kos, but in South-West Shahabad it is 50 रसी rassi. The कोच kos varies greatly in length in different districts. An ordinary कोच kos is however 60 रसी rassi, 1,200 समी laggi, or 3,600 यम gaj or yards, or 80 yards more than two miles. The गोकोच gaukos is a vague measure of distance, as far as a cow's bellow can be heard. A कम कोच kachcha kos is a short कोच kos, and चाप dhāp (see above) is generally about a mile.
- 1493. A cubit used in measuring earthwork and well-sinking is नराहा tarha to the north-west and खनित khanit (literally, digging) in the south-west. In South-West Shahabad and South-East Tirhut it is खना khanta. In Gaya it is नरा tarra, and to the south-east विख्याजी gilandāji (which means simply earth-work). In digging a well the depth is measured in men's heights, called पूरिष pūris, &c. See § 923.
- 1494. The following table shows the relative value of the principal measures of length.

s	-				1	1	Т	1	12	1
_		6	98	108	818	432	1,296	25,920	1,555,200	
	Pain	•	1.8	98	es.	144	439	8,640	618,400	
		Anguli, or finger-	4	12	7	48	144	8,880	172,800	
			Chaua	9	Đ	12	88	720	48,200	
				$egin{aligned} Bitta, ext{ or span} \ \end{aligned}$	8	47	18	540	14,400	-
					$\it Har{a}th$, or cubit	63	9	120	7,200	
						Goj, or yard	ေ	99	8,600	
							Laggi, or rod	08	1,200	
						,		:	00	
								Rassi		
									Kos, i.e., 2 miles 80 yards.	

CHAPTER II.—SUPERFICIAL MEASURE.

- 1495. The पक्षा विगन्दा pakka bigha is fixed at 14,400 square feet, or 1,600 square yards. It is therefore a little less than $\frac{1}{3}$ of the English acre of 4,840 square yards. The कहा विगन्हा kachcha bigha varies in every pargana; it is generally smaller than, but is sometimes larger than, the standard. The foundation of the size of the bigha is the जमी laggi (see above, § 1491), which varies greatly in the number of cubits which it contains. A square जगी laggi is a चूर dhūr. Twenty चूर dhūr make one कहा kattha, and 20 कहा kattha make one विगन्हा bigha. In Shahabad a कहा kattha is called a विचन्दा biswa. In East Tirhut a विगम्हा bigha is also called करी kūro. North of the Ganges 4 पाइ pāi make one ब्र dhūr; south of it-
 - 9 square चौचा chaua make 1 sq. डेग deg or कदम kadam.
 - 1 sq. ब्र dhūr.

CHAPTER III.—MEASURES OF PROPORTION.

- 1496. Proportion is generally expressed by saying so many annas in the rupee. Thus 10 annas in the rupee = 10:16; 4 annas in the rupee = 1:4; 8 annas in the rupee = 1:2; and so on. calculating proportionate shares in estates, two systems are in vogue. In both the estate (भौजा mauja or महास mahāl) is the unit. In one system the following is the scale:-
 - 1 मौजा mauja or महाल mahāl = 16 खाना āna.
 - 1 चाना $\bar{a}na = 20$ दाम $d\bar{a}m$.
 - 1 दाम dām = 20 की ड़ी kauri.
 - 1 कोडी kauri = 20 बोडी bauri.
 - 1 बौड़ी bauri = 20 फौड़ी phauri.
 - 1 फोडी phauri = 20 रौडी rauri.

The other system is as follows:-

- 1 मीजा mauja or महाल mahāl = 16 चाना āna.
- 1 चाना $\bar{a}na = 12$ पाइ $p\bar{a}i$.
- 1 पार *pāi* = 20 कराँन karānt. 1 कराँन karānt = 20 मसाँन masānt.
- 1 मसाँत masant = 20 डिस-मिस dismil (? = decimal).
- 1 डिस॰सिस dismil = 20 दिस॰सिस bismil.

The first system is called the Hindūstāni, and the second the English system.

CHAPTER IV.-MEASURES OF WEIGHT.

1497. 25 दाम dām are counted to the pice (पैसा paisa). A दमन्दी damri is a nominal coin equal to $3\frac{1}{8}$ दाम dām. The पद्धी addhi is half a दमन्दी damri. The दक्का takka or दक्का taka = 50 दाम dām or two pice, and the प्रवेसा adhela or (in South-West Shahabad) प्रवेसन्या adhelaha, is $12\frac{1}{2}$ दाम dām, or half a pice. The दोकन्दा or दोकन्दा dokra or फदाम chhadām is $6\frac{1}{4}$ दाम dām, or $\frac{1}{4}$ of a pice. A pice is also called देनुषा dhebua or (in Gaya) कमा kachcha. The कदाम chhadām or sixteenth part of an āna is also called कन-वर्ष kanvaī, कन-वर्ष kanvān, or करांक chhatānk. The following table will make this clear:—

1498. In weighing, the কৌ ratti of 1.875 grains Troy is taken as the standard. From this the following scheme may be drawn up:—

8 रत्ती ratti = 1 मासा māsa = 15 grains Troy. 12 मासा māsa = 1 नोसा tola = 7 dwt. 12 grains Troy or

the weight of one rupee.

5 सोसा tola = 1 कन-वाँ kanwān or कराँक chhatānk = 1oz. 17 dwt. 12 grains Troy.

16 कनन्वाँ kanwān or कराँक chhatānk = 1 सिर ser = 21b. 6 oz Troy.

40 सेर ser = 1 सन man = 100tb. Troy = 82.286tb.

Avoirdupois. This is the standard सन
man or maund, and 27.222 of these go
to the English ton.

For larger weights the $\exists \tau$ ser is the standard. In local bazārs it varies greatly, not only according to locality, but according to goods sold. The bazār $\exists \tau$ ser is named as containing so many $\tau = g$ and $\sigma = g$ and

1499. In weighing gold, jewels, &c., the standard is the red seed (abrus precatorius) called the কৰেলন karjani, ভাত lāl, or কছী বনী kachchi ratti. It is said to weigh three barleycorns (লী jau).

The jeweller's scale is as follows:-

3 जो jau = 1 लास $l\bar{a}l$.

4 ditto = 1 रती ratti.

2 खाख $l\bar{a}l = 1\frac{1}{2}$ रत्ती ratti.

4 रत्ती ratti = 1 चौरत्ती chauratti.

 $5\frac{1}{4}$ ditto = 1 **Tall** anni.

8 ditto = 1 माचा māsa, मस्ता massa, or मचिका masika = 15 grs. Troy.

 $10\frac{1}{2}$ ditto = 1 3 and duanni.

8 दुसङ्गी duanni or 10 । साधा māsa = 1 डक dhak or (in South-West Shahabad) डाका dhāka, which is the weight of a rupee = 6 dwts. 6 है grs. Troy.

12 माचा māsa = 1 नोचा tola = 7 dwts. 12 grs. Troy. Here it will be seen that the jeweller's rupee is less than a tola.

1500. The following weights are common throughout Bihār:—

verification $i = \frac{1}{16}$ of a ser.

सधन्पद्म adhpai, सधन्पाज adhpāü, or सधन्पीसा adhpaua = $\frac{1}{8}$ of a ser पान $p\bar{a}w$, पाना $p\bar{a}wa$, or पौसा $paua = \frac{1}{4}$ of a ser.

चध-सेरा adhsera or चसेरा asera = ½ a ser.

तिन पौचा tirpaua = 3 of a ser.

सवैधा sawaiya, properly 14 ser; really 4 of a पसरी paseri.

डेह-सेर derhseri = 1½ ser.

चढ़ा arha, चढ़ेंचा arhaiya, properly $2\frac{1}{2}$ ser; really $\frac{1}{2}$ of a पसरी paseri.

तिन-सेरा tinsera or तिन-सेरी tinseri = 3 ser.

चर-सेरा charsera or चर-सेरी charseri = 4 ser.

पसेरी paseri, also (in Shahabad) पनःसेरा pansera, or पनःसेरी panseri. This is properly 5 ser, but varies greatly. It is usually said to be 7 ser kachcha, but is sometimes only 5 or 6. Vegetable-sellers generally call it 6 ser.

भारा dhāra = 10 ser. In Shahabad it sometimes means 5 ser.

APPENDIX.

FORMS OF ACCOUNTS USED IN A LANDLORD'S OFFICE IN PATNA.

1.

खसन्रा दानाबन्दी Khasra Danabandi.

YEAR.-

Khasra Dānābandi of the

Crop in the Estate of

DATE.-

Name of tenant.	Length.	Breadth.	Area of plot.	Kind of crop.	Amount of crop estimated.

1a.

तिरिक नारीखन्यार Tirij Tārikhwār.

YEAR,-

Tirij Tārīkhwār of the Khāsra Dānābandi of Village

Date.	Total area of crop estimated.	Total amount of crop estimated.

खमन्दा बटाइ Khasra Batāi.

YEAR.-

Khasra of Division of

Crop in the Estate of

DATE .-

Name of tenant.	Area.	Kind of crop.	Amount of grain.	Landlord's share.	Dahiyak.*	Pansera.†	Total of columns 5 to 7.

2a.

Abstract of the above.

(1)	Date	***	***	***	••• /	
(2)	Area	•••	***	***	\	
(3)	Total an	ount of gra	in	•••		,
(4)	Landlor	d's share	•••	•••		
(5)	दिस्यम व	lahiyak*	•••	***		In the original, the columns
(6)	पनन्सेरा र	pansera†	•••	•••	\	run across the page
(7)	Total	•••	•••	•••	}	instead of from top
(8)	सोनारी:	sonarī (weig	ghman's fee	s)	•••	to bottom.
(9)	गञ्च अफर	जूद ganj ap	hjud‡	***		
(10)	बढ़ी bar	hi §	***	•••		
(11)	सङ्गी इवर	$ddhi \parallel$	•••	***		
	Total		•••	•••		

^{*} Vide foot note to form (5).

[†] After the division of crop, dahiyak is added to the landlord's share, to which again 5 seers are added, that quantity being taken from the tenant's share under the name of ransera.

[‡] Grain found in excess at the time of second weighment on the floor after the grain has been taken over by the landlord.

[§] Grain found in excess at the time of third weighment, when the grain has been carried to the landlord's granary.

 $[\]sharp$ Grain found in excess owing to swelling, &c., when the whole amount of grain stored has been sold off.

मोफरीइ Mophrid.

YEAR.-

Mophrid of the Rent in Kind for the

Crop.

NAME OF TENANT .-

Black Paddy.

Date of Estimate.	Area.	Amount of Crop.

Paddy Sown Broadcast.

Date of Estimate.	Area.	Amount of Crop.

Bāsmatti Paddy.

Date of Estimate.	Area.	Amount of Crop.

and so on for every kind of grain in the tenant's holding.

Total Area.	Total Amount of Grain.

3a.

Abstract of the last.

YEAR.-

Name of Tenant.	Total Area.	Amount of Crop.

4.

खिमात Laggit and वाचिल बाकी Wāsil Bāki.

YEAR.-

Laggit of Rents Paid in Kind for the Whole Year.

NAME OF TENANT .--

Kind of grain.	Area.	Total grain.	Share of landlord.	Dahiyak.*	Total due.	Realized.	Balance.

^{*} See note to form 5.

4a.

Abstract of the last.

YEAR.-

Black Paddy.

Name of Tenant.	Area.	Amount due.

White Paddy.

Name of Tenant.	Area.	Amount due.

तिरिज जिनिसन्वार Tirij Jiniswār.

YEAR.-

Tirij Jiniswar for the Village of

- 1. Name of tenant.
- 2. Area under cultivation.
- 3. Grain due.
- 4. Dahiyak.*
- 5. Total.
- 6. Amount of maize.
- 7. Ditto of marua.
- 8. Ditto of sathi paddy.

And so on, a separate column being allotted to each crop.

In the original, the form runs across the page in columns, and not from top to bottom.

6.

सियाचा Siyāha.

YEAR -

Day-book of Receipts and Disbursements of Grain.

	Da'	TE.	
Receipts. From so and so—	Amount.	Disbursements.	Amount.
$\left. egin{array}{ll} Sar{a}thi \ ext{paddy 5 maunds} \ Broadcast \ paddy 2 \ ,, \end{array} ight. ight.$	7 maunds	Sent to the landlord Sold, viz	•••••
From so and so		Total Mds	
Total Mds		Balance Mds	

^{*} This is the amount the landlord receives in addition to his half hare. South of the Ganges he generally realizes 5 ser per man, i.e. he receives 9 ser in every 16 ser, the tenant's share being 7 ser. This division of crop is called "नीस्ता nausatta," i.e. 9—7 See § 906.

6a.

Abstract of above, or অবাকো Awārja.

	Receipts.		Expenditure.
Date.	Amount of Grain.	Date.	Amount of Grain.

7. विकास विकासी गुक्का Hisāb Bikri Galla.

YEAR.-

Date.	Amount sold.	Rate.	Price realized.

खसन्दा Khasra.

YEAR.-

Khasra showing the Measurements of Lands let at Cash Rates in the Village of

Date.—

Name of Tenant.	Length.	Breadth.	Area.	Class of Land or rate per bigha.

8a.

Abstract of the above.

YEAR.—

Tirij Khasra showing the Measurements of Lands let at Cash Rates in the Village of

Date.	Area.

मोफन्रीइ Mophred.

Mophrid of the Lands paying Cash Rates in the Village of

YEAR.-

NAME OF TENANT .--

At Rs. 4 per bigha.

Date of Measurement.	Area.
At Rs. 3	per bigha.
Date of Measurement.	Area.

9a.

Abstract of the above.

YEAR.—

Tirij Mophrid of the Lands paying Cash Rates in the Village of

Name of Tenant.	Area held by him.	Rent.

10. चिमात Laggit and वासिन्न-बाकी Wāsil-bāki.

Year.— Laggit of Rents payable in Cash in the Village of

NAME OF TENANT .-

Class of land held by him.	Area.	Rate of the	he class.	Rent.
		1		
Total rent		***	•••	•••
Cesses		•••	•••	•••
Value of unrealize	d rent in kind	for the year	***	•••
Arrears of previou		•••	***	•••
			•	
Total demand	••	•••	•••	•••
Deduct realization:	s	•••	•••	•••
Balance to be carri	ed to next yes	r's account	•••	•••

10a.

Abstract of the above.

YEAR,-

विरिज लिमात Tirij Laggit of Lands paying Cash Rates in the Village of
At Rs. 4 per bigha.

Name of Tenant.	Area.	Rent.

At Rs. 3 per bigha.

Name of Tenant.	Area.	Rent.

and so on for each rate of rent.

11. शित्व पढेवारी Tirij Patewāri for the Village of

Class of	Land or I	egrees of I	Rate.	Area.	Rate.	Rent.
1st class 2nd do. And so on	•••	•••		******		•••••

सियाचा Siyāha.

YEAR.-

Day-book of Receipts and Disbursements of Cash.

DATE.-

RECEIPTS		Expenditu	RE.
Name of Tenant.	Amount paid.	Description of expenditure.	Amount.

BALANCE,

12a.

Abstract of the above, or चवारन्त्रा Awārja, showing Expenditure only.

Amount sent to Landlord.

Date.	Amount.

APPENDIX.

Salary of Village Establishment paid.

Date.	. Amount.
गिलनन्दानी Gilandāji Expe	enses (Repairs to Embankments, &c.)
Date.	Amount.
गरामन्ता Garāmta (Diet-money	supplied to the गोड़ैत Gorait, who takes to the Landlord).
Incomey	to the Lanutora).
Date.	Amount.

मोलंडकी Molhaki.

YEAR.-

Molhaki of Payments in Cash and Kind for the Whole Year.

NAME OF TENANT.-

Савн Рач	MENTS.	PAYMENTS	IN KIND.
Date.	Amount.	Date.	Amount of Grain.
	/ 1//	9	
		la la	

13a.

Abstract of the above.

YEAR.-

Name of Tenant.	Total amount paid by him in eash.	Total amount paid by him in kind.
		_

दक्रा Dhaddha.

(In the original, the columns run across the page, instead of from top to bottom. The various cesses, &c., named are only samples, and differ in every village.)

YEAR.-

Dhaddha Wāsilbāki for the Whole Year in the Village of

Columns.

- (1) Name of tenant.
- (2) Area of holding in subheads according to rate and class.
- (3) Rent.
- (4) दुम्झी duanni.*
- (5) Weighman's fees (सोनारी sonari).
- (6) काइ चराइ kāh charāi.†
- (7) कोठी सोरा kothi sora.1
- (8) मोतरफा motarpha.§
- (9) विकरी घाम bikri am (price of mangos).
- (10) तार tar (rent of toddy-palms).
- (11) Rent for mahua trees.
- (12) महः ली machhli (fishery-dues).
- (13) Total of above.
- (14) ब्हा माल batta māl.||
- (15) बट्टा कम्पनी batta kampani.॥
- (16) Road-cess.
- (17) Unrealized grain-rent.
- (18) Arrears.
- (19) Grand total of demand.
- (20) Deduct share of other landlords.
- (21) Remainder, i.e., इसा खास hissa khās (own share).
- (22) Realized.
- (23) Balance due.
- (24) Credit, realized in excess.

^{*} See § 1201.

[†] Dues for grazing cattle. All cattle, except buffalos, are generally exempt. Each buffalo is charged at from 2 to 4 annas a year. See § 1151.

I Rent of a saltpetre factory.

[§] Rent of houses occupied by shopkeepers, oil-men, weavers, and other non-cultivating tenants. See § 1201.

^{||} See § 1202. These are only charged on rent of land and on old settlements of other kinds. For instance, if a new settlement is made of toddy palms, it is made in Company's rupees, and no exchange rate is added to the rent. The addition of a rate of exchange, in fact, depends on whether the settlement is made in old coinage or in new; and according to custom, rent of land is generally settled, even at the present day, in the old coinage, but not so other rents.

अमाबन्दी Jamabandi.

Jamābandi of Village

for the Whole Year

F. S.

Note.—The order of the items has been reversed for the sake of clearness. In the original, according to native custom, the totals are written first, and under them the subsidiary items. For a similar reason imaginary figures have been written against the various items.

vems.								
							Area.	Demand.
							В. к. рн.	Rs. A. P.
Land of 1st class, at Rs. 4	:	:	:	:	ŧ	:	200 0 0	0 0 008
Ditto 2nd ditto 3	:	:	:	:	:	:		
Ditto 3rd ditto 2-8	:		:	:	:	:	> <	> <
And so on.	:	:	:	:	:	:	>	>
Total area under cultivation	:	:	:	:	:	:	2,000 0 0	
Add srea not under cultivation	: .	:	:	:	:	:	0 0 007	
Total area of village	:	:	:	:	:	:	2,100 0 0	
Total rent-demand	: :	:	:	:	:	:	•	5,450 0 0
Add cesses (only legal ones entered here) ৰাষ্ <i>ৰ ভবুত্তল (ভ.ভ.</i> , miscellaneous rights, e.g., fishing-rights. Cf. § 1232)	tered here)	fishing-rights	. Cf. § 1232)	: :	::	::	: :	300 0 0 250 0 0
			Total demand under jamābandi	under <i>jam</i>	ūbandi	:	:	0 0 000'9
						_		

समाष्ट्र Jamakharch.

Note. -The order of items has been reversed as in No. 15, from which also the imaginary figures are carried into this form. for the Whole Year Jamakharch of Village

DRMANDS,			Outgoings,		
Nature of Demands.	Rs. A. P.	Rs. A. P.	Nature of Outgoings.	Rs, A. P.	Rs. A. P.
Balance of arrears of previous year's jama-kharch—			Realized in cash and remitted to landlord 4,000 0 0 Ditto in kind ditto ditto	4,000 0 0 500 0 0	
(a) Principal difference &co., on defaulters in respect to it	800 0 0		Total remitted to landlord Village expenses— Salary of establishment		4,500 0 0
Total Balance		350 0 0	गिलन्। जी gilandaji* expenses And so on.	247 0 0	
Demand for present year—			Niscellaneous expenses	:	747 0 0
:	6,000 0 0		पानयाचा paniyocha† बरामना ganāmta* And so on in detail.	150 0 0 3 0 0	
(Here are entered in detail all illegal casses. &c. which have been			Balance— Total miscellaneous expenses		153 0 0
excluded from the jamabandi) Total, say	400 0 0		the gumāshta (in hand) rom the tenants (each tenant's nan etail)	me 50 0 0	
			rain-merchants‡	200 0 0	
Total for present year	:	6,400 0 0	Total balance		1,350 0 0
GBAND TOTAL OF DEMAND	:	6,750 0 0	GRAND TOTAL	:	6,750 0 0

This last balance is technically called attil Ligi. * See No 12a. | † Price of water supplied by a neighbouring landlord for irrigation.

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